

QUALIFICATIONS VALIDATED
ANNUALLY

QML-38535-5
9 AUGUST 1995
SUPERSEDING
QML-38535-4
14 March 1994

FSC 5962

QUALIFIED MANUFACTURERS LIST
OF
ADVANCED MICROCIRCUITS
QUALIFIED UNDER MILITARY SPECIFICATION
MIL-PRF-38535
MICROCIRCUITS MANUFACTURING
GENERAL REQUIREMENTS FOR

This list has been prepared for use by or for the Government in the acquisition of advanced microcircuit products covered by Specifications MIL-PRF-38535 and MIL-M-38510. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not in any way release the supplier from compliance with the individual item specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QML IS the Defense Electronics Supply Center (DESC-ELS), Dayton, OH 45444-5270.

If a manufacturer desires to have test data considered for qualification, he must be certified and perform all required qualification tests; the qualification sample must be produced under a valid authorization to test with DESC certified materials and manufacturing techniques; and he must comply with the requirements specified in MIL-PRF-38535 prior to the start of any testing.

The listing of microcircuit manufacturing lines in the QML applies only to products produced in the plant(s) specified herein. Therefore, only those products that have been manufactured, assembled, and tested within the United States and its territories, except as allowed by MIL-PRF-38535 and as provided by international agreement establishing reciprocal and equivalent quality systems and procedures, can be supplied as qualified microcircuit QML devices.

Microcircuits manufactured, assembled, and tested in accordance with MIL-PRF-38535 shall bear the "QML" certification mark or the "Q" abbreviation. Products manufactured, assembled, and tested shall meet all the provisions of MIL-PRF-38535; and shall be manufactured on the DESC certified lines as indicated herein. The information contained in this QML reflects the actual manufacturing lines, materials, and manufacturing construction techniques of the particular test sample(s). Any product represented as being compliant shall be manufactured on the lines/flows using the material and manufacturing construction techniques listed herein, as is necessary to meet the requirements of the user. The user shall be responsible for determining if the QML listing is adequate to demonstrate capability for the intended application.

AMSC N/A

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited

**QML 38535 AVAILABLE AS INTERACTIVE FORMAT
ON DESC-E BULLETIN BOARD**

The information contained in Section I and II Tables I,II,III and IV QML Device Listing, of the printed Qualified Manufacturers List is available on the DESC-Engineering Bulletin Board as an interactive FoxPro database. This will allow the user to electronically search for microcircuits qualified to MIL-PRF-38535. The QPL parts will be identified in the Electronic Querie as such.

The following are parameter settings for the DESC-E Electronic Bulletin Board:

- * (513) 296-6046 is the phone number for 2400 and 9600 baud
- * (513) 296-8875 is the phone number for 14400 baud
- * Protocol for the 9600 and 14400 baud lines is V.32/V.42 BIS.
- * No parity, 8-bit data word, 1 stop bit
- * Full duplex

A 80386 or more advanced computer with a minimum of 4 Meg of RAM is required to run this software. The other sections of the QML listing are also available on the bulletin board as ASCII text files.

From the main menu of the bulletin board select (S) Special Interest Groups, (Q) Qualified Products/Manufacturers List and ISO-9000 SIGS, (D) Download SIG files, and finally, (I) QML/QPL and ISO-9000 documents. In that area of the board you will find the following files which are compressed archive files that are either executed or uncompressed with the PKUNZIP utility (version. 2.04g):

QMLTOOL.EXE	the stand-alone system for DOS-based machines. Contains the databases and the application.
QMLDATA.EXE	updated databases only; must have previously downloaded QMLTOOL.EXE or QTOOLUPD.EXE. This is the one and only file you need to download, if all you need is updated databases. Transfer this file to the working directory for your copy of the QMLTOOL (use. C:\QMLTOOL), and run it. If prompted to overwrite existing files, respond in the affirmative.
QTOOLUPD.EXE	updated application file. This file rarely changes, but you must have previously downloaded either QMLTOOL.EXE or QMLDATA.EXE. This is the one and only file you need to download, if all you need is an updated application (the input screens, reports, and queries). Please follow the same instructions as those for QMLDATA.EXE.
QMLREAD.ME	important information regarding the QMLTOOL
CRN.EXE	CRN table containing descriptions of military drawings for those who have previously downloaded the MIL-BUL-103 database.
QMLNODOS.ZIP	application file and databases for non-DOS machines loaded with FoxPro and the PKUNZIP utility. See "For non-DOS users" below for further instructions.
SPCREPT.WPD	Progress report on the optimization of tests.

Note: QMLTOOL is a large file. If you have a slow modem (i.e., 2400 bps), the bulletin board is likely to time-out before you can completely download the file. If this happens you can contact Cynthia Prich at (513) 296-6347 to have your time extended past the standard 45 minutes. Download times for the QMLTOOL at its current size are 80 minutes at 2400 bps, 20 minutes at 9600 bps, and 14 minutes at 14400 bps. DESC has a FTP server over the Internet if you prefer to download the files via that method.

The same information that is available from the DESC-E Bulletin Board is also available for download from the Internet. Whereas files on the Bulletin Board were separated into modules for easier downloads at update time, the QMLTOOL as it is called is available as one file from the Internet.

The filename is qmltool.exe. To download this file your computer must have File Transfer Protocol access to the Internet. The procedure to obtain the file is as follows.

- 1) Execute the command "**ftp desc.dla.mil**" or "**ftp 131.80.1.1**" from your host computer or through your Internet service provider. *You might consult with your system administrator or service provider on the specifics of the ftp command.*
- 2) Log-in with a user ID of "**anonymous**" and when prompted for a password use the first portion of your e-mail address (the section preceding the "@" symbol).
- 3) Once you are logged into the FTP server change the directory to mll-i with the "**cd /incoming/tools/qml/38535**".
- 4) Switch to the binary type of transfer with the command "**bin**".
- 5) Use "**get qmltool.exe**" to download the file to your host or to your PC. If you need other files from this directory, please note that this FTP server is a UNIX system, and that filenames are case-sensitive.
- 6) If necessary, move the file to your PC. The system requirements are the same as those indicated above. *Again, consult with your service provider if it is necessary.*
- 7) Execute QMLTOOL in the same manner as any other DOS command. QMLTOOL.EXE is a compressed archive and will self-extract itself into three files. View the "READ.ME" file for further instructions on installing QMLTOOL. Once installed, the QMLTOOL is executed with the QMLTOOL command if you are located in the directory where the files installed after running INSTALL.BAT.

Note: QMLTOOL may not run in Windows depending upon your system configuration. If you have problems then you should exit the Windows system entirely. Normally a windows DOS prompt will not work.

For non-DOS users: The file QML.APP and its associated database, index, and memo files are available for download in the same manner as above. It is provided as a compressed .ZIP file for those who cannot run a DOS executable file. The file is named QMLNODOS.ZIP, and when "un-zipped" will yield QML.APP and the database files that make up the QMLTOOL. The compressed file can be un-zipped with the popular "PKUNZIP" utility (*must be of the proper version for your operating system*). The command is the version of PKUNZIP required is 2.04g. The application should run on any machine that has a copy of FoxPro version 2.0 or later.

Note: CRN.EXE contains CRN.DBF (the database) and CRN.CDX (the index file). In addition CRN.DBF is also one of the files created when QMLTOOL.EXE (from the bulletin board) or INSTALL.bat (from the internet) was executed. The CRN table contains descriptions of microcircuit devices for military drawings. The CRN table is provided for those who have previously downloaded the MIL-BUL-103 from the DESC-E Bulletin Board. To apply, set up your copy of the MIL-BUL-103 database as the parent file and link to the CRN database with the CRN as the relational field.

Any questions regarding either method of download or installation of the QMLTOOL can be directed to Ned Raybould at (513) 296-6051 or Mike Grammens at (513) 296-6275.

PREFACE

TRANSITIONAL CERTIFICATION IS DEFINED AS: An allowance granted to JAN MIL-M-38510 manufacturers to transition their QPL, SMD and MIL-STD-883 compliant devices to the QML MIL-PRF-38535 program. This allowance is based on information provided by the JAN manufacturers that the included facilities and product have been and are meeting screening method 5004 and Quality Conformance Inspection method 5005. To be eligible for transitional certification, the JAN manufacturer must have submitted a plan for achieving full MIL-PRF-38535 QML within a specified period of time.

QML is a definition of a manufacturer's technology capabilities. This means that devices may be available under QML even though not listed. The user is encouraged to contact the manufacturer or DESC to make arrangements for part availability under QML.

MIL-PRF-38535 contains provisions for test optimization for all listed processes and products including all device classes. Under these provisions, traditional military screens and inspections can be optimized if found to be non-value added through the manufacturers up front controls and monitors as well as design, wafer fabrication, assembly and test design areas. Optimization of these screens and inspections in no way adversely affects the devices military form, fit and function application, rather the device shall be considered more robust since these screens and inspection are no longer value added. Regardless of screening or QCI testing optimization, the manufacturer is still responsible to supply products capable of passing any screening test optimization or QCI tests prescribed in MIL-PRF-38535 and in the device procurement specification. A QML test optimization information base is available in. For more details the customer should contact either the device manufacturer or the DESC company contact.

Major Updates: The following are new items contained in this release:

1. Plastic packaged microcircuits are now available under QML. See section 1 table III. Also review the important information concerning plastic packaged product covered on page 5 here.
2. A list of QML manufacturers' military distributors is now included in this issue under section III.
3. MIL-1-38535 is now called MIL-PRF-38535 to indicate its status as a performance based specification.
4. Table IV has been added which lists Catalog product produced on a QML line under certain conditions. **(Full Temp range only, Old Catalog Product only, SMD is not available but product is eligible given the proper demand)**
5. Table I and II now contain the devices formerly in Section II. For those companies that did not elect to transition to QML The company name next to the part will have QPL next to it. All other remaining parts formerly listed in section II are already covered by QML systems.

Important Information Concerning User Decision to Procure Texas Instruments QML Devices in Plastic Packaging Technology.

1. Because plastic packages are not hermetic, if product is to be stored for a certain period in uncontrolled conditions, "dry bag" packaging may be required. TI will identify devices that require dry bag packaging. It is the buyer's responsibility to insure that these conditions are maintained over the storage life of the product.
2. Plastic packages typically do not dissipate heat as well as ceramic or metal packages.
3. The QML packaging technology flow is typically the same as commercial through assembly, therefore, users cannot require "specials".

These are some of the basic differences between TI'S plastic commercial Off the Shelf (COTS) and plastic QML.

	COMMERCIAL OFF THE SHELF	QML
1. <u>TRACEABILITY</u>	LIMITED	YES
2. <u>BURN-IN</u>	NOT UNLESS COMMERCIAL PERFORMS	NOT UNLESS COMMERCIAL PERFORMS <u>1/</u>
3. <u>PRODUCT CHANGE NOTIFICATION</u>	LIMITED	YES
4. <u>AVAILABILITY</u>	VARIABLES BY DEVICES (COULD BE AS LITTLE AS 2 YEARS)	EXTENDED SUPPORT WITH OPPORTUNITY FOR LIFETIME BUY
5. <u>MILITARY TEMPERATURE TESTING</u>	NO	YES
6. <u>AVAILABILITY OF QUALIFICATION AND RELIABILITY DATA</u>	LIMITED	YES
7. <u>FAILURE ANALYSIS FOR FIELD FAILURES</u>	LIMITED	YES
8. <u>EXTENSIVE BACKGROUND INFORMATION IN USING PRODUCT IN MILITARY ENVIRONMENTS</u>	LIMITED	YES
9. <u>SUPPORT FOR SPECIAL QUALITY CLAUSES AND/OR FLOW-DOWN REQUIREMENTS</u>	NO	YES

For more detailed information the user may contact:

ORGANIZATION	CONTACT	TELEPHONE NUMBER
TI	QML Program Manager	(915) 561-6614
DESC-ELSC	Mr. Andy Thacker	(513) 296-6244
Rome Lab	Mr. James Reilly	(315) 330-4055
NASA	Mr. Nick Vermani	(301) 731-8902
DESC-ELDC	Ms. Monica Poelking	(513) 296-8525

1/ TI's QML plastic product offering follows TI's BEST COMMERCIAL PRACTICE approach. The Military and Commercial plastic flows are essentially the same with the exception of extended Military temperature testing in accordance with the SMD. Therefore, a QML plastic device will not receive burn-in unless the commercial device also receives burn-in (regardless of test optimization results). Life test is performed during initial qualification and as part of periodic reliability monitors. In addition, some QML plastic lead frames are palladium and burn-in may degrade the solderability of the palladium lead frame.

Important Information Concerning User Decision to Procure Philips Semiconductors QML devices in Plastic Packaging Technology.

1. The user must carefully research the device end-use applications to determine if plastic packaging is appropriate.
2. Plastic packages are not hermetic. Therefore not all hermetic screen/tests are applicable to plastic. If product is to be stored for a certain period in uncontrolled conditions, "dry bag" packaging may be required. It is the customer's responsibility to insure that these conditions are maintained over the storage life of the product. Philips does provide initial "dry bag" at ship if required. Instructions for uncontrolled moisture exposure are provided.
3. Philips Semiconductors-Thailand(PSI) QML Packaging technology flow is basically the same flow as automotive and commercial flows through trim and form, therefore, users cannot require "specials". However, Philips Semiconductors military groups has expressed willingness to do certain tests after the manufacturing flow is completed. These tests may include additional items, such as High temperature stress test (HAST), Temperature extremes electrical testing (e.g. -55 of, +125°C) and additional burn-in. **Users must understand that any nonstandard processing, inspections, and tests will add cost to the item of supply.**
4. Presently, Philips Semiconductors-Thailand facility only offers certain types of plastic products in four different types of packages (dual in line, small outline shrink and leaded chip carrier) for QML plastic packaging; however; Philips Semiconductor has indicated that more products will be available later. The decision as to whether or not to offer a QML device in plastic packaging will be based on demand. Users with specific requirements are encouraged to contact Mr. Lou Johnson at (408) 991-2720. Users are also encouraged to contact Monica Poelking (DESC-ELDC for necessary device/package drawing information.

The following items are presented as user information highlighting some major differences in plastic versus traditional/military hermetic MIL-STD-883 processing:

- a. Sample internal visual inspection only - not 100%. (Premold) Internal Visual Inspection is similar to, but not identical to Internal Visual Inspection Test Method 2010 of MIL-STD-883 is used.
- b. Burn-in is performed for 24 hrs at temp 125°C.
- c. Mechanical tests (ie subgroup D4 & D8) shock and lid torque are not performed for plastic packages.
- d. HAST, 85/85 and Autoclave are done monthly as monitors for plastic packages. These test/monitors are not required for hermetic packages.

Philips Semiconductor plastic processing technology, MIL-PRF-38535 and JEDEC 26 comparison:

Philips Semiconductor' qualification requirements and reliability monitors with few exceptions, are in line with JEDEC 26 (ruggedized plastic) and MIL-PRF-38535, however there are differences. As an example, JEDEC 26 requires HAST condition C for 500 hours while Philips Semiconductors performs HAST condition C for 360 hours, 1000 hours at 85/85 and Autoclave of 168 hours. MIL-PRF-38535 requires HAST for 50 hours in table 1B subgroup 12 and autoclave of 169 hours in Subgroup 14.

Philips Semiconductors' QML Quality program addresses the following major areas:

- Characterization
- Qualification
- Manufacturability
- Early Failure Rate Program
- Reliability measurement program
- Ship to Stock Program
- Cycle time management programs
- Statistical process control (SPC)

Philips Semiconductor-Thailand(PST) facility process controls, SPC, and continuous improvements were found to be acceptable by the DESC audit team. This facility also has been approved for ISO-9001, received Ford TQE (Total Quality Excellence) standards of performance, and European Vendor of the year for quality.

Comparison of Plastic Commercial Off the Shelf (COTS) and Philips Semiconductors-Thailand's QML plastic packaging technology products:

	COMMERCIAL OFF THE SHELF	PST QML
1. <u>TRACEABILITY</u>	<u>YES</u>	<u>YES</u>
2. <u>BURN-IN</u>	<u>YES*</u>	<u>YES</u>
3. <u>PRODUCT CHANGE NOTIFICATION</u>	<u>YES</u>	<u>YES</u>
4. <u>CERTIFICATE OF COMPLIANCE</u>	<u>NO</u>	<u>YES</u>
5. <u>ADDITIONAL TESTING</u>	<u>NO</u>	<u>YES (AT ADDITIONAL COST)</u>
6. <u>MILITARY TEMP. TESTING</u>	<u>NO</u>	<u>YES (AT ADDITIONAL COST)</u>
7. <u>INDUSTRIAL TEMP TESTING</u>	<u>YES**</u>	<u>YES</u>
8. <u>COMMERCIAL TEMP TESTING</u>	<u>YES</u>	<u>YES</u>
9. <u>AVAILABILITY OF QUALIFICATION AND RELIABILITY DATA</u>	<u>YES</u>	<u>YES</u>
10. <u>FAILURE ANALYSIS FOR FIELD FAILURES</u>	<u>YES</u>	<u>YES</u>
11. <u>EXTENSIVE BACKGROUND/INFORMATION IN USING PRODUCT IN MILITARY ENVIRONMENTS</u>	<u>NO</u>	<u>YES</u>

* Reliability monitors & initial product approval. (Approximately first two lots)

** For product as defined by philips data books.

For more detailed information the user may contact:

<u>ORGANIZATION</u>	<u>CONTACT</u>	<u>TELEPHONE NUMBER</u>
Philips Semiconductors	Mr. Lou Johnson	(408) 991-2720
DESC-ELSC	Mr. Vinh Tran	(513) 296-6268
DESC-ELDC	Ms. Monica Poelking	(513) 296-8525

DOCUMENT INDEX

This QML contains multiple sections and tables to facilitate use and aid in locating certified and qualified sources of supply for microcircuits suitable for military and other applications.

SECTION I: Qualified Manufacturers List (QML). Manufacturers (Full and Transitional) meeting MIL-PRF-38535 requirements.

TABLE I: Master cross reference listing of approved QML sources by SMD and Military Specification to manufacturer's part number. Now also lists parts formerly only found in section II.

TABLE II: Master cross listing of manufacturer generic part number to the approved QML source. Now also lists parts formerly only found in section II.

TABLE III: Master Listing of QML approved Plastic Encapsulated Microcircuits.

TABLE IV: Lists Catalog product produced on a QML line under certain conditions. (Full Temp range only, Old Catalog Product only, SMD is not available but product is eligible given the proper demand)

SECTION II: Qualified Product List (QPL) is no longer listed separately. It is now included in the tables I and II of section I with the proper QPL identifiers next to the company name. Manufacturers previously included were MIL-M-38510 companies that are not meeting MIL-PRF-38535 Appendix A requirements.

SECTION I
(QML-38535)

This section provides manufacturers that meet all MIL-PRF-38535 requirements. All products listed in this section have been qualified under the requirements of the latest effective issue of MIL-PRF-38535 and the applicable military acquisition document. Additionally, manufacturers meeting requirements for transitional certification are listed in this section. These manufacturers are authorized to use the military identifier and the "QML" or "Q" certification mark on each microcircuit produced under the certified QML envelope of processes and materials as specified herein. Manufacturers listed in this section can also use the Military Specification (MIL-M-38510) identifier and the "JAN" or "J" certification mark to satisfy customer orders for JAN QPL devices previously produced under MIL-M-38510.

Manufacturer's Data Book/Catalog Parts:

Certain manufacturer's data book/catalog military temperature range devices may be available as QML product and marked with a "QML" or "Q" certification mark, provided they are produced on a certified QML flow. These devices must be released prior to 1 June 1993 and the part numbers must be submitted to the qualifying activity for approval. For more detailed information please contact the following:

<u>Manufacturer</u>	<u>Contact Point</u>	<u>Phone Number</u>
AT&T	Bill Vesperman	(610) 712-6035
Loral	Paul Nixon	(703) 367-1378
Honeywell	Bret Rinehart	(612) 954-2956
Cypress	Bill Bennett	(408) 943-2656
Motorola	Darrell Filewicz	(602) 413-3083
National Semiconductor	Susan Davis	(408) 721-3161
Texas Instruments	Steve Miller	(915) 561-6614
Harris	Jean Seib	(407) 724-7734
Siliconix	Liz Korntved	(408) 970-5260
Analog Devices	Jim Kaufman	(617) 935-5565
Linfinity	Gary Hancock	(714) 898-8121
UTMC	Myles Standish	(719) 594-8026
Intel	Carolyn Moen	(602) 554-8450

See information in the front of this document on plastic packages.

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
AT&T Microelectronics 555 Union Boulevard Allentown PA 18103-1285	98739	CERU	N/A
CONTACT	TEST REPORT		CLASS
Bill Vesperman (215) 439-6035	QML001-1289, 51-92		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
0.9 & 1.25 um SLM and DLM	Standard Cell and Full Custom ASICs, FPGAs, and DSP		
DESIGN CENTER(S)			
LOCATION: Allentown PA LINE: Lab 5285, Department 52845 FLOW: A91AL0741/A91AL1011			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Allentown PA LINE: Mask Shop-Allentown PA FLOW: SIF-5568			
WAFER FABRICATION OPERATION(S)			
LOCATION: Allentown PA LINE: MOS V FLOW: PFC-074-LOG 84, LOG 185, LOG 94, LOG 157			
ASSEMBLY OPERATION(S)			
LOCATION: Allentown PA ASSEMBLY CODE: USA LINE: JIT MOS Ceramic Assembly FLOW: SIF-QMP3-Flow			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Allentown PA LINE: JIT MOS Ceramic Flow FLOW: SIF-QMP3-Flow			
ENVIROMENTAL TEST OPERATION(S)			
LOCATION: Allentown PA LINE: Reliability Lab FLOW: SIF-QMP3-Flow, IL-5337, SIF-IL5349 Flow 2			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
AT&T Microelectronics 555 Union Boulevard Allentown PA 18103-1285		98739	CERU	N/A	
CONTACT		TEST REPORT		CLASS	
Bill Vesperman (215) 439-6035		QML001-1289, 51-92		Q	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
0.9 & 1.25 um SLM and DLM PACKAGE INFORMATION 2/		Standard Cell and Full Custom ASICs, FPGAs, and DSP			
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE		28		132-256	
MATRIX SIZE			175		
LEAD FINISH		Solder/Gold	Solder/Gold	Solder/Gold	
LEAD PITCH		100 MIL	100 MIL	20-205 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
American Microsystems, Inc. 2300 Buckskin Road Pocatello ID 83201	31471		N/A
CONTACT	TEST REPORT		CLASS
Mona Hale (208) 234-6609	7323007, 7323817		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.25 um DLM CMOS	Gate Arrays		
DESIGN CENTER(S)			
LOCATION: Pocatello ID LINE: QML Design FLOW: AMI 4401005			
LOCATION: San Jose CA LINE: QML Design FLOW: AMI 4401005			
LOCATION: Tustin CA LINE: QML Design FLOW: AMI 4401005			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Kokomo IN LINE: QML Technology Flow (7050013) FLOW: AMI 7630004			
LOCATION: Dallas TX LINE: QML Technology Flow (7050013) FLOW: AMI 7630004			
WAFER FABRICATION OPERATION(S)			
LOCATION: Pocatello ID LINE: CAB FLOW: AMI 7019027			
ASSEMBLY OPERATION(S)			
LOCATION: San Jose CA ASSEMBLY CODE: USA LINE: QML JM7000 FLOW: AMI 7020040			
LOCATION: Metro Manila Philippines LINE: QML JM7000 FLOW: AMI 7020040			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
American Microsystems, Inc. 2300 Buckskin Road Pocatello ID 83201		31471		N/A	
CONTACT		TEST REPORT		CLASS	
Mona Hale (208) 234-6609		7323007, 7323817		Q	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.25 um DLM CMOS		Gate Arrays			
LOCATION: Pocatello ID LINE: QML JM7000 FLOW: AMI 7020040					
ELECTRICAL TEST OPERATION(S)					
LOCATION: Pocatello ID LINE: QML Technology Flow (7050013) FLOW: AMI 7450000					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: Pocatello ID LINE: QML Technology Flow (7050013) FLOW: AMI 5150026					
LOCATION: San Jose CA LINE: QML Technology Flow (7050013) FLOW: AMI 5150026					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	40-256			20-124	
MATRIX SIZE			64-476		
LEAD FINISH	Gold		Gold	Gold	
LEAD PITCH	25-50 MIL		100 MIL	50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Analog Devices 804 Woburn Street Wilmington MA 01887	51640	CEKS	N/A
CONTACT	TEST REPORT		CLASS
Jim Kaufman (617) 937-2470	EQC-94-065		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, FLASH, STAT I, Comp Bipolar, BIMOS, ABCMOS	Data Converters, Amplifiers, Analog Signal Processors, Sensors, References		
DESIGN CENTER(S)			
LOCATION: Wilmington MA LINE: Linear and Mixed Signal Design FLOW: Design Manual Ver. 1.0			
LOCATION: Beavertown OR LINE: Linear and Mixed Signal design FLOW: Design Manual Ver. 1.0			
LOCATION: Limerick Ireland LINE: Linear and Mixed Signal Design FLOW: Design Manual Ver 1.0			
LOCATION: Greensboro NC LINE: Linear and Mixed Signal Design FLOW: Design Manual Ver. 1.0			
LOCATION: Norwood MA LINE: Linear and Mixed Signal Design FLOW: Design Manual Ver. 1.0			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Outside Location LINE: FLOW:			
WAFER FABRICATION OPERATION(S)			
LOCATION: Wilmington MA LINE: 4" Linear FLOW: Contact Manufacturer			
ASSEMBLY OPERATION(S)			
LOCATION: Wilmington MA ASSEMBLY CODE: USA LINE: Wilmington Assembly FLOW: F-0008, F-0142			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Analog Devices 804 Woburn Street Wilmington MA 01887		51640	CEKS	N/A	
CONTACT		TEST REPORT		CLASS	
Jim Kaufman (617) 937-2470		EQC-94-065		Q	
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar, FLASH, STAT I, Comp Bipolar, BIMOS, ABCMOS		Data Converters, Amplifiers, Analog Signal Processors, Sensors, References			
LOCATION: Manila Philippines ASSEMBLY CODE: Philippines or 07 LINE: Hermetic FLOW: F-0133M, F-0152M, F-0154M					
ELECTRICAL TEST OPERATION(S)					
LOCATION: Wilmington MA LINE: Wilmington Electrical Test FLOW: W-XXXX					
LOCATION: Manila Philippines LINE: Manila Electrical Test FLOW: W-XXXX					
ENVIRONMENTAL TEST OPERATION(S)					
LOCATION: Wilmington MA LINE: Wilmington Environmental FLOW: Per lot traveler					
LOCATION: Manila Philippines LINE: Manila Environmental FLOW: Per lot traveler					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	2	14-28		20-44	2-12
MATRIX SIZE					
LEAD FINISH	Solder	Solder		Solder	Solder
LEAD PITCH	50 MIL	100 MIL		50 MIL	100-400 MIL
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Cypress Semiconductor 3901 North First Street San Jose CA 95134-1599	65786	CETK	N/A
CONTACT	TEST REPORT		CLASS
Bill Bennett (408) 943-2656	ELSC-94-091		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.2, 1.0, 0.8, 0.65 um SLM & DLM, CMOS & BICMOS	SRAM, PROM, EPROM, PLD, & LOGIC		
DESIGN CENTER(S)			
LOCATION: SAN JOSE CA LINE: N/A FLOW: CYPRESS DESIGN RULES			
LOCATION: COLORADO SPRINGS CA LINE: N/A FLOW: CYPRESS DESIGN RULES			
LOCATION: STARKSVILLE MS LINE: N/A FLOW: CYPRESS DESIGN RULES			
MASK DEVELOPMENT CENTER(S)			
LOCATION: SAN JOSE CA LINE: N/A FLOW: QM PLAN SECTION B3, "MASK GENERATION PROCEDURE"			
WAFER FABRICATION OPERATION(S)			
LOCATION: ROUND ROCK TX LINE: FAB II; CMOS & BICMOS FLOW: CONTACT MANUFACTURER			
LOCATION: BLOOMINGTON MN LINE: CMOS FLOW: CONTACT MANUFACTURER			
ASSEMBLY OPERATION(S)			
LOCATION: ALPHATEC, BANGKOK THAILAND Thailand LINE: HERMETIC ASSEMBLY FLOW: DM, GM, HM, KM, LM, QM, TM, WM, YM			
ELECTRICAL TEST OPERATION(S)			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Cypress Semiconductor 3901 North First Street San Jose CA 95134-1599		65786	CETK	N/A	
CONTACT		TEST REPORT			CLASS
Bill Bennett (408) 943-2656		ELSC-94-091			Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.2, 1.0, 0.8, 0.65 um SLM & DLM, CMOS & BICMOS		SRAM, PROM, EPROM, PLD, & LOGIC			
LOCATION: SAN JOSE CA LINE: SRAM, PROM, EPORM, PLD, DATACOM, FPGA'S FLOW: MILITARY HI-REL FLOWS					
LOCATION: ALPHATEC, BANGKOK THAILAND LINE: SRAM, PROM, EPROM, PLD, DATACOM, FPGA'S FLOW: MILITARY HI-REL FLOWS					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: SAN JOSE CA LINE: RELIABILITY/QCI LAB FLOW: CYPRESS SPEC #22-00012, "GROUP B-ESD, C & D TRAVELERS"					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	16-84	16-40		18-68	
MATRIX SIZE			68		
LEAD FINISH	Solder	Solder	Gold	Solder	
LEAD PITCH	50 MIL	100 MIL	100 MIL	50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Harris Semiconductor Products 2401 Palm Bay Road Northeast Palm Bay FL 32905	34371	CDWO	N/A
CONTACT	TEST REPORT		CLASS
Peter Brooks (407) 724-7783	EQC-93-627		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, CMOS, Linear, CMOS SAJI	Memories, Logics, Switches, Timers, Microprocessors, Micro-peripherals		
DESIGN CENTER(S)			
LOCATION: Palm Bay FL LINE: Standard Products FLOW: Contact Manufacturer			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Palm Bay FL LINE: Mask Line FLOW: Contact Manufacturer			
WAFER FABRICATION OPERATION(S)			
LOCATION: Palm Bay FL LINE: Fab 54 FLOW: Bipolar, CMOS SAJI, Linear Silicon Gate, DI Bipolar, DI Linera CMOS, SAJI I			
LOCATION: Palm Bay FL LINE: Fab 54 FLOW: Scaled SAJI IV, SAJI V, SAJI VI, L7			
LOCATION: Palm Bay FL LINE: Fab 59 FLOW: Bipolar, CMOS, SAJI, SAJI I, Scaled SAJI IV, SAJI V, SAJI VI, L7			
LOCATION: Findlay OH LINE: Fab 2 FLOW: CMOS Metal Gate, Bipolar JI, QMOS			
ASSEMBLY OPERATION(S)			
LOCATION: Palm Bay FL ASSEMBLY CODE: X LINE: Hermetic FLOW: 841XXX, 240XXX, 352XXX			
LOCATION: Kuala Lumpur Malaysia ASSEMBLY CODE: H LINE: Hermetic FLOW: 841XXX, 240XXX, 352XXX			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Harris Semiconductor Products 2401 Palm Bay Road Northeast Palm Bay FL 32905		34371	CDWO	N/A	
CONTACT		TEST REPORT		CLASS	
Peter Brooks (407) 724-7783		EQC-93-627		Q	
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar, CMOS, Linear, CMOS SAJI		Memories, Logics, Switches, Timers, Microprocessors, Micro-peripherals			
ELECTRICAL TEST OPERATION(S)					
LOCATION: Palm Bay FL LINE: Compliant FLOW: Contact Manufacturer					
LOCATION: Kuala Lumpur Malaysia LINE: Compliant FLOW: Contact Manufacturer					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: Palm Bay FL LINE: Compliant Hermetic FLOW: 86XXX, 40H-721-052-XXX, 8*XXXXX, 9*XXXXX, 54XXXX, 87XXXX, 240XXX					
LOCATION: Kuala Lumpur Malaysia LINE: Compliant Hermetic FLOW: 86XXXX, 40H-721-052-XXX, 8*XXXXX, 9*XXXXX, 87XXXX, 240XXX					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE		8-40		20-44	8-12
MATRIX SIZE			68-85		
LEAD FINISH		Solder/Gold	Solder	Solder	Solder/Gold
LEAD PITCH		100 Mils	100 MILS	50 MIL	N/A
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information. See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Honeywell SSEC 12001 State Highway 55 Plymouth MN 55441-4799		34168		1 Meg
CONTACT		TEST REPORT		CLASS
Bret Rinehart (612) 954-2956		45-92, 46-92, 08-93, 02-94		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION				
TECHNOLOGY		PRODUCT TYPE(S)		
1.2 um RICMOS III and 0.8 um RICMOS IV		RICMOS III: SRAM, Logic, Custom, Semi-Custom, Standard Cell, Gate Array ASICs. RICMOS IV: SRAM		
DESIGN CENTER(S)				
LOCATION: Plymouth MN LINE: RICMOS IV (Q and V) FLOW: GMS 10006				
LOCATION: Plymouth MN LINE: RICMOS III (Q and V) FLOW: GMS 10006				
MASK DEVELOPMENT CENTER(S)				
LOCATION: Plymouth MN LINE: RICMOS III (Q and V) FLOW: GMS 10027				
LOCATION: Plymouth MN LINE: RICMOS IV (Q and V) FLOW: GMS 10027				
WAFER FABRICATION OPERATION(S)				
LOCATION: Plymouth MN LINE: RICMOS IV (Q and V) FLOW: 22016249				
LOCATION: Plymouth MN LINE: RICMOS III (Q and V) FLOW: 22005911				
ASSEMBLY OPERATION(S)				
LOCATION: Plymouth MN ASSEMBLY CODE: USA LINE: RICMOS III (Q and V) FLOW: 22009590				
LOCATION: Plymouth MN ASSEMBLY CODE: USA LINE: RICMOS IV (Q and V) FLOW: 22009590				

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Honeywell SSEC 12001 State Highway 55 Plymouth MN 55441-4799		34168		1 Meg	
CONTACT		TEST REPORT		CLASS	
Bret Rinehart (612) 954-2956		45-92, 46-92, 08-93, 02-94		Q and V	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.2 um RICMOS III and 0.8 um RICMOS IV		RICMOS III: SRAM, Logic, Custom, Semi-Custom, Standard Cell, Gate Array ASICs. RICMOS IV: SRAM			
ELECTRICAL TEST OPERATION(S)					
LOCATION: Plymouth MN LINE: RICMOS IV (Q and V) FLOW: GMS 10006					
LOCATION: Plymouth MN LINE: RICMOS III (Q and V) FLOW: GMS 10006					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: Plymouth MN LINE: RICMOS III (Q and V) FLOW: GMS 10006					
LOCATION: Plymouth MN LINE: RICMOS IV (Q and V) FLOW: GMS 10006					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	36-256				
MATRIX SIZE					
LEAD FINISH	Gold				
LEAD PITCH	20-40 MIL				
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Intel Corporation 5000 West Chandler Boulevard Chandler AZ 85226-4702	34649	CECC	N/A
CONTACT	TEST REPORT		CLASS
Carolyn Moen (602) 554-8450	5-29-90, 48-93		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.0 um & 0.8 um CMOS, 1.5 um HMOS III, 0.8 um BiMOS, 0.8 & 0.6 um ETOX	Microprocessors, Peripherals, Flash Memories		
DESIGN CENTER(S)			
LOCATION: Santa Clara CA LINE: STD Products FLOW: Products			
LOCATION: Jerusalem LINE: LFS-M VLSI FLOW: MIDS/MVISA QM Plan Design Rules			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: 07-004-3164 AS/ALS Design Rules			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: 07-003-0387 low Power Schottky TTL Layout Rules			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: ALS Design Rules Version 1.5S			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: 74HC N-EPI 3/3 Twin-Well Layout Rules for MPA			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: 07-0004-3582 Digital Circuits Logic Schottky TTL			
LOCATION: Richardson Texas LINE: SGPL Design FLOW: 07-0004-3281 Digital Bipolar Standard TTL Rules			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Santa Clara CA LINE: STD Products FLOW: Products			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Intel Corporation 5000 West Chandler Boulevard Chandler AZ 85226-4702		34649	CECC	N/A
CONTACT		TEST REPORT		CLASS
Carolyn Moen (602) 554-8450		5-29-90, 48-93		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION				
TECHNOLOGY		PRODUCT TYPE(S)		
1.0 um & 0.8 um CMOS, 1.5 um HMOS III, 0.8 um BiMOS, 0.8 & 0.6 um ETOX		Microprocessors, Peripherals, Flash Memories		
WAFER FABRICATION OPERATION(S)				
LOCATION: Rio Rancho NM LINE: FAB 9 FLOW: CMOS IV, P648				
LOCATION: Jerusalem LINE: LFS-M VLSI 1.0 um RHCOS Liftoff FLOW: QP 163A102				
LOCATION: Jerusalem LINE: LFS-M VLSI 0.8um RHCOS-E Liftoff FLOW: PP525-826				
LOCATION: Richardson Texas LINE: SGPL FLOW: 2-0488BL				
LOCATION: Rio Rancho NM LINE: FAB 9 FLOW: CMOS V, P650				
LOCATION: Rio Rancho NM LINE: FAB 7 FLOW: Process 620 CMOS IV 0.8 um ETOX III				
LOCATION: Chandler AZ LINE: FAB 6 FLOW: Process 617 Old JAN Line, Process 618				
LOCATION: Jerusalem Israel LINE: FAB 8 FLOW: Process 650 0.8um CMOS V, Process 646				
LOCATION: Rio Rancho NM USA LINE: FAB 7 FLOW: Process 627, 0.6 um ETOX V				

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Intel Corporation 5000 West Chandler Boulevard Chandler AZ 85226-4702	34649	CECC	N/A
CONTACT	TEST REPORT		CLASS
Carolyn Moen (602) 554-8450	5-29-90, 48-93		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.0 um & 0.8 um CMOS, 1.5 um HMOS III, 0.8 um BiMOS, 0.8 & 0.6 um ETOX	Microprocessors, Peripherals, Flash Memories		
LOCATION: Jerusalem			
LINE: LFS-M VLSI VCOS			
FLOW: QP163A648			
LOCATION: Jerusalem			
LINE: LFS-M VLSI 0.5 um HCMOS Liftoff			
FLOW: PP525-940			
LOCATION: Jerusalem			
LINE: LFS-M VLSI 0.8 um RHCOS-E PBEOL			
FLOW: PP525-953			
LOCATION: Jerusalem			
LINE: LFS-M VLSI 0.5 um HMCOS PBEOL			
FLOW: PP525-954			
LOCATION: Jerusalem Israel			
LINE: FAB 8			
FLOW: Process 646, 1.5 um CMOS III			
LOCATION: Chandler AZ USA			
LINE: FAB 6			
FLOW: Process 618, 1.5 um HMOS III			
ASSEMBLY OPERATION(S)			
LOCATION: Richardson Texas VLSI PACKAGING USA			
LINE: Ceramic Flatpack 28-42 Lead Solder			
FLOW: Assembly			
LOCATION: Manila Philippines			
LINE: SSOP			
FLOW:			
LOCATION: Manila ASSEMBLY CODE: Philippines			
LINE: A-2			
FLOW: 15-081			

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Intel Corporation 5000 West Chandler Boulevard Chandler AZ 85226-4702	34649	CECC	N/A
CONTACT	TEST REPORT		CLASS
Carolyn Moen (602) 554-8450	5-29-90, 48-93		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.0 um & 0.8 um CMOS, 1.5 um HMOS III, 0.8 um BiMOS, 0.8 & 0.6 um ETOX	Microprocessors, Peripherals, Flash Memories		
LOCATION: Penang Malaysia ASSEMBLY CODE: Malaysia			
LINE: A-1			
FLOW: 15-081			
LOCATION: Chandler AZ ASSEMBLY CODE: USA			
LINE: A-4			
FLOW: 15-081			
LOCATION: Jerusalem ASSEMBLY CODE: USA			
LINE: LFS-M VLSI			
FLOW: 163A633, 163A650, 163A799			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Chandler AZ			
LINE: T-7			
FLOW: 95-XXXX			
LOCATION: Aloha OR			
LINE: T-16			
FLOW: 95-XXXX			
LOCATION: Jerusalem			
LINE: LFS-M VLSI			
FLOW: QM Plan Section 11.0			
LOCATION: Manila			
LINE: T-9			
FLOW: 89-0065-0258			
LOCATION: Penang Malaysia			
LINE: T-3			
FLOW: 89-0065-0258			
ENVIROMENTAL TEST OPERATION(S)			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Intel Corporation 5000 West Chandler Boulevard Chandler AZ 85226-4702		34649	CECC	N/A	
CONTACT		TEST REPORT			CLASS
Carolyn Moen (602) 554-8450		5-29-90, 48-93			Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.0 um & 0.8 um CMOS, 1.5 um HMOS III, 0.8 um BiMOS, 0.8 & 0.6 um ETOX		Microprocessors, Peripherals, Flash Memories			
LOCATION: Manila LINE: Enviromental Lab, T-9 FLOW: 89-0065-0258					
LOCATION: Penang Malaysia LINE: T-3 FLOW: 89-0065-0258					
LOCATION: Chandler AZ LINE: T-Mil/Associated with T-7 FLOW: 89-0065-0258					
LOCATION: Jerusalem LINE: LFS-M VLSI FLOW: QM Plan Section 20.0					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	68-196	18-48		28-44	
MATRIX SIZE			68-208		
LEAD FINISH	Solder	Solder	Solder	Solder	
LEAD PITCH	25-50 MIL	300-600 MIL	100 MIL	50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Linfinity 11861 Western Ave Garden Grove CA 92641-2119	34333	CESD	N/A
CONTACT	TEST REPORT		CLASS
Tim Miller (714) 898-8121	EQC-93-620		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar	Regulators, Op Amps, Comparators, Sense Amps, Drivers, Transistor Arrays		
DESIGN CENTER(S)			
LOCATION: Garden Grove CA LINE: Linear FLOW: Contact Manufacturer			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Garden Grove CA LINE: Linear FLOW: Contact Manufacturer			
WAFER FABRICATION OPERATION(S)			
LOCATION: Garden Grove CA LINE: Linear FLOW: SGM5900			
ASSEMBLY OPERATION(S)			
LOCATION: Garden Grove CA ASSEMBLY CODE: USA LINE: Linear FLOW: SGM5901, SGM5902			
LOCATION: Philippines (PSI) ASSEMBLY CODE: Philippines LINE: Linear FLOW: SGM5901, SGM5902			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Garden Grove CA LINE: Linear FLOW: SGM5901, SGM5902			
ENVIROMENTAL TEST OPERATION(S)			
LOCATION: Garden Grove CA LINE: Linear FLOW: SGM5901, SGM5902			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Linfinity 11861 Western Ave Garden Grove CA 92641-2119		34333	CESD	N/A	
CONTACT		TEST REPORT		CLASS	
Tim Miller (714) 898-8121		EQC-93-620		Q	
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar		Regulators, Op Amps, Comparators, Sense Amps, Drivers, Transistor Arrays			
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	10-24	8-18		20	3-12
MATRIX SIZE					
LEAD FINISH	Solder	Solder		Solder	Solder
LEAD PITCH	30-50 MIL	100 MIL		50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Loral Federal Systems Corporation 9500 Godwin Drive Manassas VA 22110-4198	52088		2 Meg
CONTACT	TEST REPORT		CLASS
Paul Nixon (703) 367-1378	19-92, 20-92, 21-92, 32-92, 74-92, 06-94		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.0 um RHCOS, 0.8 um RHCOS-E, VCOS, 0.5 HCMOS	SRAM, Logic, VCOS Memory and Logic, Microprocessors, and Custom and Gate Array ASICs		
DESIGN CENTER(S)			
LOCATION: Manassas VA LINE: LFS-M VLSI FLOW: MIDS/MVISA QM Plan Design Rules			
MASK DEVELOPMENT CENTER(S)			
LOCATION: OUTSIDE LOCATION LINE: FLOW:			
WAFER FABRICATION OPERATION(S)			
LOCATION: Manassas VA LINE: LFS-M VLSI 1.0 um RHCOS Liftoff FLOW: QP 163A102			
LOCATION: Manassas VA LINE: LFS-M VLSI 0.8um RHCOS-E Liftoff FLOW: PP525-826			
LOCATION: Manassas VA Israel LINE: FAB 8 FLOW: Process 650 0.8um CMOS V, Process 646			
LOCATION: Manassas VA LINE: LFS-M VLSI VCOS FLOW: QP163A648			
LOCATION: Manassas VA LINE: LFS-M VLSI 0.5 um HCMOS Liftoff FLOW: PP525-940			
LOCATION: Manassas VA LINE: LFS-M VLSI 0.8 um RHCOS-E PBEOL FLOW: PP525-953			

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Loral Federal Systems Corporation 9500 Godwin Drive Manassas VA 22110-4198	52088		2 Meg
CONTACT	TEST REPORT		CLASS
Paul Nixon (703) 367-1378	19-92, 20-92, 21-92, 32-92, 74-92, 06-94		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.0 um RHCOS, 0.8 um RHCOS-E, VCOS, 0.5 HMCOS	SRAM, Logic, VCOS Memory and Logic, Microprocessors, and Custom and Gate Array ASICs		
LOCATION: Manassas VA LINE: LFS-M VLSI 0.5 um HMCOS PBEOL FLOW: PP525-954			
LOCATION: Manassas VA Israel LINE: FAB 8 FLOW: Process 646, 1.5 um CMOS III			
ASSEMBLY OPERATION(S)			
LOCATION: Manassas VA ASSEMBLY CODE: USA LINE: LFS-M VLSI FLOW: 163A633, 163A650, 163A799			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Manassas VA LINE: LFS-M VLSI FLOW: QM Plan Section 11.0			
ENVIROMENTAL TEST OPERATION(S)			
LOCATION: Manassas VA LINE: LFS-M VLSI FLOW: QM Plan Section 20.0			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Loral Federal Systems Corporation 9500 Godwin Drive Manassas VA 22110-4198		52088		2 Meg	
CONTACT		TEST REPORT		CLASS	
Paul Nixon (703) 367-1378		19-92, 20-92, 21-92, 32-92, 74-92, 06-94		Q and V	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.0 um RHCOS, 0.8 um RHCOS-E, VCOS, 0.5 HMCOS PACKAGE INFORMATION 2/		SRAM, Logic, VCOS Memory and Logic, Microprocessors, and Custom and Gate Array ASICs			
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	36-308	28		32 (LCC)	
MATRIX SIZE					
LEAD FINISH	Gold	Gold		Gold	
LEAD PITCH	20-635MIL	100 MIL		50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Motorola, Inc 2100 East Elliot Road Tempe AZ 85284-1801	04713		N/A
CONTACT	TEST REPORT		CLASS
Darrell Filewicz (602) 413-3083	EQC-93-288		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Linear, FAST, HCMOS, HMOS, ECL	Standard Products, Logic, Gate Array, Memory, and Microprocessors		
DESIGN CENTER(S)			
LOCATION: Oakhill TX LINE: Oakhill (DSP, RISC, MPU(MOS3/5/8)) Design FLOW: 12MSE90033W, 12MRE10037W, 12MSD10196W, 12EQSP203			
LOCATION: Mesa AZ LINE: Mesa (BP2) Design FLOW: Design Manual for MOSAIC 1			
LOCATION: Mesa AZ LINE: Mesa (BP3) Design FLOW: Design Manual for MOSAIC 1, 1.5, and III			
LOCATION: Mesa AZ LINE: Mesa (MOS2) Design FLOW: 12MSD15783W			
LOCATION: Chandler AZ LINE: ASIC H4C Design FLOW: Contact Manufacturer			
LOCATION: Austin TX LINE: Austin (SRAM (MOS8)) Design FLOW: 12MSE90033W			
LOCATION: Mesa AZ LINE: Mesa (BP1) Design FLOW: BP1 Design Manual			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Contact Manufacturer LINE: FLOW:			
WAFER FABRICATION OPERATION(S)			
LOCATION: Mesa AZ LINE: BP1, BP2, BP3, MOS5, MOS6 FLOW: Contact Manufacturer			

MANUFACTURER <u>1</u> /		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Motorola, Inc 2100 East Elliot Road Tempe AZ 85284-1801		04713		N/A
CONTACT		TEST REPORT		CLASS
Darrell Filewicz (602) 413-3083		EQC-93-288		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION				
TECHNOLOGY		PRODUCT TYPE(S)		
Bipolar, Linear, FAST, HCMOS, HMOS, ECL		Standard Products, Logic, Gate Array, Memory, and Microprocessors		
LOCATION: Austin TX LINE: MOS2 (Module A), MOS3 (Module I), MOS8 (B-1) FLOW: Contact Manufacturer				
ASSEMBLY OPERATION(S)				
LOCATION: Tempe AZ ASSEMBLY CODE: Y LINE: MPO Assembly FLOW: 70ASM45992A, 70ASM51721A, 70ASM92046A				
LOCATION: Selangor Malaysia ASSEMBLY CODE: Q LINE: KLM Assembly FLOW: 12MSQ20113A, 12MSQ20114A, 12MSQ20117A, 12MSQ20118A, 12MS20131A				
LOCATION: Seoul Korea ASSEMBLY CODE: K LINE: MKL Assembly FLOW: 12MSK21602A				
LOCATION: Richardson TX ASSEMBLY CODE: BA LINE: VLSI Assembly FLOW: 100-00-103				
ELECTRICAL TEST OPERATION(S)				
LOCATION: Tempe AZ LINE: MPO Test FLOW: 70ASY77474A, 12MRM25838A				
LOCATION: Selangor Malaysia LINE: KLM Test FLOW: 12MSQ30224A, 12MRM25838A				
LOCATION: Seoul Korea LINE: MLK Test FLOW: 12MSK35002A, 12MRM25838A				
ENVIROMENTAL TEST OPERATION(S)				

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Motorola, Inc 2100 East Elliot Road Tempe AZ 85284-1801		04713		N/A	
CONTACT		TEST REPORT		CLASS	
Darrell Filewicz (602) 413-3083		EQC-93-288		Q	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar, Linear, FAST, HCMOS, HMOS, ECL		Standard Products, Logic, Gate Array, Memory, and Microprocessors			
LOCATION: Tempe AZ LINE: MPO Screening/QCI FLOW: 70ASY77474A, 12MRM25838A					
LOCATION: Selangor Malaysia LINE: KLM Screening/QCI FLOW: 12MSQ30224A, 12MRM25838A					
LOCATION: Seoul Korea LINE: MLK Screening/QCI FLOW: 12MSK35002A, 12MRM25838A					
LOCATION: Richardson TX LINE: VLSI Test FLOW: 100-00-103					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	14-28	8-64		20-132	8/10
MATRIX SIZE			10X10/20X20		
LEAD FINISH	Solder/Gold	Solder	Solder/Gold	Solder/Gold	Solder
LEAD PITCH	50 MIL	100 MIL	100 MIL	25-50 MIL	45/36 DEGREE
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
National Semiconductor Corporation 2900 Semiconductor Drive Santa Clara CA 95052-8090	27014	CCXP	100 K
CONTACT	TEST REPORT		CLASS
Lorie Lytle (408) 721-7256	EQC-93-483		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS	Standard Product, Logic, Memory, Interface, and Gate Array		
DESIGN CENTER(S)			
LOCATION: Santa Clara CA LINE: National Design FLOW: Contact Manufacturer			
LOCATION: Arlington TX LINE: National Design FLOW: Contact Manufacturer			
LOCATION: South Portland ME LINE: National Design FLOW: Contact Manufacturer			
LOCATION: D-8080 Furstenfeldbruck Germany LINE: National Design FLOW: Contact Manufacturer			
LOCATION: 3-14-29 Takada 171 Japan LINE: National Design FLOW: Contact Manufacturer			
LOCATION: Greenock Scotland LINE: National Design FLOW: Contact Manufacturer			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Dupont Santa Clara CA LINE: Dupont Mask FLOW: Contact Manufacturer			
LOCATION: Dupont Komomo IN LINE: Dupont Mask FLOW: Contact Manufacturer			
LOCATION: Phontronics Danbury CT LINE: Photronics Mask FLOW: Contact Manufacturer			
WAFER FABRICATION OPERATION(S)			

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
National Semiconductor Corporation 2900 Semiconductor Drive Santa Clara CA 95052-8090	27014	CCXP	100 K
CONTACT	TEST REPORT		CLASS
Lorie Lytle (408) 721-7256	EQC-93-483		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS	Standard Product, Logic, Memory, Interface, and Gate Array		
LOCATION: Greenock Scotland LINE: (UK) PS-4475-MOS1 FLOW: (UK) PS-1000-ELIC4, (UK) PS-5179-MOSA			
LOCATION: Santa Clara CA LINE: 5" Linear FLOW: PS-4005-ALIC, PS-FLCH-CLIC			
LOCATION: West Jordan UT LINE: MOS 3 FLOW: SL-RC-3901-MOS3			
LOCATION: South Portland ME LINE: Bipolar Fab 1 FLOW: SP-17275, -17276, -17504, -17529, -17528, -17467			
LOCATION: South Portland ME LINE: 5" CMOS FACT Line FLOW: SP-19101			
LOCATION: Arlington TX LINE: CMOS 1 FLOW: Contact Manufacturer			
LOCATION: Santa Clara CA LINE: TID FLOW: HA-BAS-001, 003, 005, 006			
LOCATION: Arlington TX LINE: LMOS FLOW: T1-TIFPA3			
ASSEMBLY OPERATION(S)			
LOCATION: West Jordan UT LINE: Plastic Packaging only FLOW: 07-015-1001, 1002, 1003, 1004, 0610			

MANUFACTURER <u>1/</u>	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
National Semiconductor Corporation 2900 Semiconductor Drive Santa Clara CA 95052-8090	27014	CCXP	100 K
CONTACT	TEST REPORT		CLASS
Lorie Lytle (408) 721-7256	EQC-93-483		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS	Standard Product, Logic, Memory, Interface, and Gate Array		
LOCATION: South Portland ME ASSEMBLY CODE: Z LINE: National S. Portland Assembly FLOW: SP-16080, SP-16426			
LOCATION: Singapore ASSEMBLY CODE: S LINE: National Singapore Assembly FLOW: (SG)FC-AS-001, (SG)FC/AS-0018-G			
LOCATION: Exchange OFS Philippines ASSEMBLY CODE: H LINE: Team Pacific Assembly FLOW: (PH)FC-AS-7000-G			
LOCATION: Malacca Malayasia ASSEMBLY CODE: M LINE: National Malacca Assembly FLOW: (EM)FC/AS-5000-M/A, (EM)FC/AS-2200-M/A			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Santa Clara CA LINE: National Santa Clara FLOW: FC/TS-0021-ASIC			
LOCATION: South Portland ME LINE: National S. Portland Electrical FLOW: SP-33092			
LOCATION: Singapore LINE: National Singapore Electrical Test FLOW: (SG)FC/TS-1000-M/A, (SG)FC/TS-5003-G, (SG)FC/TS-5001-G			
ENVIROMENTAL TEST OPERATION(S)			
LOCATION: South Portland ME LINE: National S. Portland Environmental FLOW: SP-33092			
LOCATION: Singapore LINE: National Singapore Environmental FLOW: (SG)FC/AS-0901-M/A, (SG)FC/AS-0001-M/A			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
National Semiconductor Corporation 2900 Semiconductor Drive Santa Clara CA 95052-8090		27014	CCXP	100 K	
CONTACT		TEST REPORT		CLASS	
Lorie Lytle (408) 721-7256		EQC-93-483		Q and V	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY			PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS			Standard Product, Logic, Memory, Interface, and Gate Array		
LOCATION: Exchange OFS Philippines LINE: Team Pacific Environmental FLOW: (PH)FC-AS-7000-G, (PH)FC-AS-8000-G					
LOCATION: Santa Clara CA LINE: Santa Clara Enviromental FLOW: Per Lot traveler					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	10-256	8-52		20-84	2-15
MATRIX SIZE			8X8/21X21		
LEAD FINISH	Gold/Solder	Gold/Solder	Gold	Solder	Gold/Solder
LEAD PITCH	20-50 MIL	100 MIL	100 MIL	50 MIL	100-600 MIL
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Philips Semiconductor 811 East Arques Ave Sunnyvale CA 94088	18324	CDKB	N/A
CONTACT	TEST REPORT		CLASS
Dennis Reed (408) 991-2165	ELSC-94-089		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar Memory, Linear, & MCO	Standard Product, Bipolar Memory, Linear, & Microcontroller		
.T.			
LOCATION: BANGKOK LINE: FLOW:			
DESIGN CENTER(S)			
LOCATION: ALBUQUERQUE NM LINE: PHILIPS DESIGN GROUP; BIPOLAR MEMORY FLOW: CONTACT MNAUFACTURER			
LOCATION: ALBUQUERQUE NM LINE: PHILIPS DESIGN GROUP, MICROCONTROLLER FLOW: CONTACT MANUFACTURER			
LOCATION: SUNNYVALE CA LINE: PHILIPS DESIGN GROUP; LINEAR FLOW: CONTACT MANUFACTURER			
MASK DEVELOPMENT CENTER(S)			
LOCATION: CONTACT MANUFACTURER LINE: FLOW:			
WAFER FABRICATION OPERATION(S)			
LOCATION: ALBUQUERQUE NM LINE: FAB 22, FAB 23 FLOW: 22 QC, 23H			
LOCATION: SUNNYVALE CA LINE: FAB 1; BIPOLAR MEMORY FLOW: OIKC			
LOCATION: SUNNYVALE CA LINE: FAB 22, LINEAR FLOW: OIPX			

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Philips Semiconductor 811 East Arques Ave Sunnyvale CA 94088	18324	CDKB	N/A
CONTACT	TEST REPORT		CLASS
Dennis Reed (408) 991-2165	ELSC-94-089		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar Memory, Linear, & MCO	Standard Product, Bipolar Memory, Linear, & Microcontroller		
LOCATION: ALBUQUERQUE NM LINE: FAB 22, LINEAR FLOW: 22QR			
ASSEMBLY OPERATION(S)			
LOCATION: ALPHATEK, BANGKOK THAILAND Thailand LINE: STANDARD MILITARY CLASS B FLOW: 852-125, 852-126, 852-129			
LOCATION: BANGKOK LINE: Plastics FLOW: 852-0099, 0111, 0135			
ELECTRICAL TEST OPERATION(S)			
LOCATION: ALPHATEK, BANGKOK THAILAND LINE: STANDARD PROM PRODUCT FLOW FLOW: 871-080			
LOCATION: ISE/IQL, SAN JOSE CA LINE: STD MIL CLASS B (MCO DEVICE) FLOW: 871-0144, 871-0145, 871-0199			
LOCATION: ALBUQUERQUE NM LINE: STD MIL CLASS B (MCO DEVICE) FLOW: 871-0144, 871-0145, 871-0199			
LOCATION: BANGKOK LINE: STANDARD MILITARY CLASS B FLOW: 871-062, 871-145, 871-0179, 871-0619			
LOCATION: BANGKOK LINE: DJS PRODUCT FLOW (PROMIS) FLOW: 871-0172			
LOCATION: SUNNYVALE CA LINE: STANDARD MIL CLASS B FLOW: 871-0014			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Philips Semiconductor 811 East Arques Ave Sunnyvale CA 94088		18324	CDKB	N/A	
CONTACT		TEST REPORT		CLASS	
Dennis Reed (408) 991-2165		ELSC-94-089		Q	
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar Memory, Linear, & MCO		Standard Product, Bipolar Memory, Linear, & Microcontroller			
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: QPL LABS CA LINE: MIL CLASS B FLOW: 871-0057					
LOCATION: BANGKOK LINE: MIL CLASS B FLOW: 871-0057					
LOCATION: ALPHATEK, BANGKOK THAILAND LINE: MIL CLASS B FLOW: 871-0057					
LOCATION: San Jose CA LINE: FLOW:					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	16-28	8-40		20-44	
MATRIX SIZE					
LEAD FINISH	Solder	Solder		Solder	
LEAD PITCH	50 MIL	100 MIL		50 MIL	
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Siliconix 2201 Laurelwood Road Santa Clara CA 95056-0951	17856	CDBN	N/A
CONTACT	TEST REPORT		CLASS
Liz Korntved (408) 970-5260	EQC-94-030A		Q
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Metal Gate II, Silicon Gate I, CDMOS	Analog Switches		
DESIGN CENTER(S)			
LOCATION: Santa Clara CA LINE: Design FLOW: 4149			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Santa Clara CA LINE: Mask FLOW: 4016			
WAFER FABRICATION OPERATION(S)			
LOCATION: Santa Clara CA LINE: Fab II FLOW: CC-8-0010, CC-8-0041, CC-8-0002, CC-8-0028, CC-8-0012, CC-8-0027, CC-8-0040			
LOCATION: Santa Clara CA LINE: Fab III FLOW: CC-8-0036			
ASSEMBLY OPERATION(S)			
LOCATION: Dynesem, Manila Philippines ASSEMBLY CODE: K LINE: Assembly FLOW: PF-S-0005			
LOCATION: Santa Clara CA ASSEMBLY CODE: S LINE: Assembly FLOW: PF-S-0005			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Santa Clara CA LINE: Electrical Test FLOW: PF-S-0005			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Siliconix 2201 Laurelwood Road Santa Clara CA 95056-0951		17856	CDBN	N/A	
CONTACT		TEST REPORT		CLASS	
Liz Korntved (408) 970-5260		EQC-94-030A		Q	
QML STATUS: TRANSITIONAL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar, Metal Gate II, Silicon Gate I, CDMOS		Analog Switches			
LOCATION: Siliconix Manila Philippines LINE: Electrical Test FLOW: PF-S-0005					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: Dynesem, Manila Philippines LINE: Environmental FLOW: PF-S-0005					
LOCATION: Santa Clara CA LINE: Environmental FLOW: PF-S-0005					
LOCATION: Siliconix Manila Philippines LINE: Environmental FLOW: PF-S-0005					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	14-16	8-28		20	10
MATRIX SIZE					
LEAD FINISH	Gold/Solder	Solder/Gold		Gold/Solder	Gold/Solder
LEAD PITCH					
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER 1/	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Texas Instruments Post Office Box 60448 Midland TX 79711-0448	01295		N/A
CONTACT	TEST REPORT		CLASS
Steve Miller (915) 561-6614	62-92, 63-92, 64-92, 65-92, 66-92, 67-92		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS	Standard Product, Logic, and Memory		
DESIGN CENTER(S)			
LOCATION: Sherman TX LINE: SGPL Design FLOW: 07-004-3164 AS/ALS Design Rules			
LOCATION: Sherman TX LINE: SGPL Design FLOW: 07-003-0387 low Power Schottky TTL Layout Rules			
LOCATION: Sherman TX LINE: SGPL Design FLOW: ALS Design Rules Version 1.5S			
LOCATION: Sherman TX LINE: SGPL Design FLOW: 74HC N-EPI 3/3 Twin-Well Layout Rules for MPA			
LOCATION: Sherman TX LINE: SGPL Design FLOW: 07-0004-3582 Digital Circuits Logic Schottky TTL			
LOCATION: Sherman TX LINE: SGPL Design FLOW: 07-0004-3281 Digital Bipolar Standard TTL Rules			
LOCATION: Dallas TX LINE: Linear Design FLOW: 07-0005-1707 Linear Bipolar Design Manual			
LOCATION: Dallas TX LINE: Programmable Logic Design FLOW: Design Rules for IMPACTX Ver AD, and IMPACT Ver Q			
LOCATION: Freising GERMANY LINE: National Design FLOW: Contact Manufacturer			

MANUFACTURER <u>1</u> /		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Texas Instruments Post Office Box 60448 Midland TX 79711-0448		01295		N/A
CONTACT		TEST REPORT		CLASS
Steve Miller (915) 561-6614		62-92, 63-92, 64-92, 65-92, 66-92, 67-92		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION				
TECHNOLOGY		PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS		Standard Product, Logic, and Memory		
LOCATION: Lubbock TX LINE: National Design FLOW: Contact Manufacturer				
LOCATION: Midland TX LINE: ASIC DESIGN FLOW: QSS-024-301				
MASK DEVELOPMENT CENTER(S)				
LOCATION: Dallas TX LINE: Toppan FLOW: 07-0003-7955, 07-0004-3165				
WAFER FABRICATION OPERATION(S)				
LOCATION: Sherman TX LINE: SGPL FLOW: 2-0488BL				
LOCATION: Dallas TX LINE: DLIN FLOW: Contact Manufacturer				
LOCATION: Dallas TX LINE: DLOG FLOW: 8851JAN359				
LOCATION: Houston TX LINE: HFAB FLOW: Q86-71510				
LOCATION: Freising GERMANY LINE: 5" Linear FLOW: PS-4005-ALIC, PS-FLCH-CLIC				
LOCATION: Kuala Lumpur Malaysia (TTM) LINE: MOS 3 FLOW: SL-RC-3901-MOS3				

MANUFACTURER <u>1</u> /		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
Texas Instruments Post Office Box 60448 Midland TX 79711-0448		01295		N/A
CONTACT		TEST REPORT		CLASS
Steve Miller (915) 561-6614		62-92, 63-92, 64-92, 65-92, 66-92, 67-92		Q
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION				
TECHNOLOGY		PRODUCT TYPE(S)		
Bipolar, Linear, and CMOS		Standard Product, Logic, and Memory		
LOCATION: Lubbock TX LINE: CMOS 1 FLOW: Contact Manufacturer				
LOCATION: Freising GERMANY LINE: TID FLOW: HA-BAS-001,003,005,006				
LOCATION: Lubbock TX LINE: LMOS FLOW: TI-TIFPA3				
ASSEMBLY OPERATION(S)				
LOCATION: Sherman TX VLSI PACKAGING USA LINE: Ceramic Flatpack 28-42 Lead Solder FLOW: Assembly				
LOCATION: Kuala Lumpur Malaysia (TIM) LINE: Plastic Packaging only FLOW: 07-015-1001,1002,1003,1004,0610				
LOCATION: Taipei Taiwan (TITL) ASSEMBLY CODE: Taiwan LINE: Plastic FLOW: 07-012-1601,1901				
LOCATION: Taipei Taiwan (TITL) ASSEMBLY CODE: Taiwan LINE: Special Products Assembly (Hermetic) FLOW: 07-0012				
ELECTRICAL TEST OPERATION(S)				
LOCATION: Taipei Taiwan (TITL) LINE: Special Products Test FLOW: 07-0012-2222				
LOCATION: Freising GERMANY LINE: National Santa Clara FLOW: FC/TS-0021-ASIC				

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
Texas Instruments Post Office Box 60448 Midland TX 79711-0448		01295		N/A	
CONTACT		TEST REPORT		CLASS	
Steve Miller (915) 561-6614		62-92, 63-92, 64-92, 65-92, 66-92, 67-92		Q	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
Bipolar, Linear, and CMOS		Standard Product, Logic, and Memory			
LOCATION: Midland TX LINE: ASIC TEST FLOW: Q-C-J-9/X-CM					
ENVIROMENTAL TEST OPERATION(S)					
LOCATION: Dallas TX LINE: (DETL) Environmental Test - Backup FLOW: Contact Texas Instruments					
LOCATION: Taipei Taiwan (TITL) LINE: Special Products Assembly FLOW: 07-0012-2222					
LOCATION: Freising GERMANY LINE: Santa Clara Enviromental FLOW: Per Lot traveler					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	14-24	8-24		20	
MATRIX SIZE			Contact		
LEAD FINISH	Solder	Solder		Solder	
LEAD PITCH					
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

MANUFACTURER <u>1</u> /	CAGE CODE	SYMBOL CODE	RAD HARD LEVEL
United Technologies 1575 Garden Of The Gods Road Colorado Springs CO 80907-3486	65342		1 Meg
CONTACT	TEST REPORT		CLASS
Myles Standish (719) 594-8000	EQC-93-652		Q and V
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION			
TECHNOLOGY	PRODUCT TYPE(S)		
1.5 um and 1.2 um CMOS	Memory, CMOS Gate Array, Linear Bipolar		
DESIGN CENTER(S)			
LOCATION: Colorado Springs CO LINE: CMOS Gate Array FLOW: 63202 Rev A			
MASK DEVELOPMENT CENTER(S)			
LOCATION: Colorado Springs CO LINE: CMOS Gate Array FLOW: 63003 Rev M			
WAFER FABRICATION OPERATION(S)			
LOCATION: Colorado Springs CO LINE: CMOS Gate Array 1.5 & 1.2 FLOW: 141280/121260 1.2 um; 14101/14102 1.5 um			
LOCATION: Colorado Springs CO LINE: Memory FLOW: 141210 Memory			
LOCATION: Colorado Springs CO LINE: Linear Bipolar FLOW: 140750/140760 Linear Bipolar			
ASSEMBLY OPERATION(S)			
LOCATION: Colorado Springs CO ASSEMBLY CODE: USA LINE: CMOS Gate Array FLOW: 30503/01 Rev A (Class Q); 30503/02 Rev A (Class V)			
ELECTRICAL TEST OPERATION(S)			
LOCATION: Colorado Springs CO LINE: CMOS Gate Array FLOW: 30503/01 Rev A (Class Q); 30503/02 Rev A (Class V)			
ENVIROMENTAL TEST OPERATION(S)			

MANUFACTURER 1/		CAGE CODE	SYMBOL CODE	RAD HARD LEVEL	
United Technologies 1575 Garden Of The Gods Road Colorado Springs CO 80907-3486		65342		1 Meg	
CONTACT		TEST REPORT		CLASS	
Myles Standish (719) 594-8000		EQC-93-652		Q and V	
QML STATUS: FULL QML CERTIFICATION/QUALIFICATION					
TECHNOLOGY		PRODUCT TYPE(S)			
1.5 um and 1.2 um CMOS		Memory, CMOS Gate Array, Linear Bipolar			
LOCATION: Colorado Springs CO					
LINE: CMOS Gate Array					
FLOW: 30503/01 Rev A (Class Q); 30503/02 Rev A (Class V)					
PACKAGE INFORMATION 2/					
TYPE	FLAT PACK	DIP	PGA	CHIP CARRIER	METAL CAN
LEAD RANGE	28-304	24-40			
MATRIX SIZE			8X8/18X18		
LEAD FINISH	Solder/Gold	Solder	Solder/Gold		
LEAD PITCH	20-50 MIL	50-100 MIL	100 MIL		
SPECIFIC PRODUCT TYPES					
See TABLE I and TABLE II for specific product information.					
See TABLE III for information on plastic-encapsulated products.					

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-3829407MXA	1(0)	6264C-70/BXAJC	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	Motorola
5962-3829407MYA	1(0)	6264C-70/BYAJC	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	Motorola
5962-3829409MXA	1(0)	6264C-55/BXAJC	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Motorola
5962-3829409MXX	2	CY7C186A-55DMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-3829409MYA	1(0)	6264C-55/BYAJC	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Motorola
5962-3829409MYX	2	CY7C186A-55LMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-3829409MZX	2	CY7C185A-55DMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-3829411MTX	2	CY7C185A-45KMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-3829411MKXA	1(0)	6264C-45/BXAJC	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Motorola
5962-3829411MXX	2	CY7C186A-45DMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-3829411MYX	2	CY7C186A-45LMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-3829411MZX	2	CY7C185A-45DMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-3829413MTX	2	CY7C185A-35KMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-3829413MKXA	1(0)	6264C-35/BXAJC	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Motorola
5962-3829413MXX	2	CY7C186A-35DMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-3829413MYX	2	CY7C186A-35LMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-3829413MZX	2	CY7C185A-35DMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-3829415MTX	2	CY7C185A-25KMB	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-3829415MXX	2	CY7C186A-25DMB	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-3829415MYX	2	CY7C186A-25LMB	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-3829415MZX	2	CY7C185A-25DMB	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-3829417MXX	2	CY7C186A-20DMB	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
5962-3829417MYX	2	CY7C186A-20LMB	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
5962-3829417MZX	2	CY7C185A-20DMB	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
5962-3829423MUX	2	CY7C185A-55LMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-3829425MUX	2	CY7C185A-45LMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-3829427MUX	2	CY7C185A-35LMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-3829429MUX	2	CY7C185A-25LMB	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-3829430MUX	2	CY7C185A-20LMB	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
5962-3870501BGA	1	LP2951	VOLT. REGULATOR, ADJ.	National
5962-3870501BPA	1	LP2951	VOLT. REGULATOR, ADJ.	National
5962-3870501M2A	1	LP2951E/883	VOLT. REGULATOR, ADJ.	National
5962-3870501M3A	1	LP2951H/883	VOLT. REGULATOR, ADJ.	National
5962-3870501MPA	1	LP2951J/883	VOLT. REGULATOR, ADJ.	National
5962-3870501SGA	1	LP2951	VOLT. REGULATOR, ADJ.	National
5962-3870501SPA	1	LP2951	VOLT. REGULATOR, ADJ.	National
5962-3870701MGA	1	LTC1044MH	VOLTAGE CONVERTER, SWITCHED-CAPACITOR	Linear
5962-3870701MPA	1	LTC1044MJ8	VOLTAGE CONVERTER, SWITCHED-CAPACITOR	Linear
5962-7802001M2A	1(0)	26LS32M/B2AJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-7802001MEA	1(0)	26LS32/BEAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-7802001MFA	1(0)	26LS32/BFAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-7802003M2A	1(0)	AM26LS32AMFKB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802003MEA	1(0)	AM26LS32AMJB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802003MFA	1(0)	AM26LS32AMWB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802004M2A	1(0)	AM26LS33AMFKB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802004MEA	1(0)	AM26LS33AMJB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802004MFA	1(0)	AM26LS33AMWB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-7802005M2A	2	DS26F32ME/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-7802005MEA	2	DS26F32MJ/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-7802005MFA	2	DS26F32MW/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-7802301M2A	1(0)	26LS31M/B2AJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
5962-7802301MEA	2	DS26LS31MJ/883	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
5962-7802301MFA	1	26LS31/BEAJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
5962-7802301MFA	2	DS26LS31MW/883	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
5962-7802301MFA	1	26LS31/BFAJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
5962-7802302M2A	1(0)	DS26F31ME/883	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
5962-7802302MEA	1(0)	DS26F31MJ/883	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
5962-7802302MFA	1(0)	DS26F31MW/883	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
5962-84185012A	1(.5)	UA733	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
5962-85016013A	1	MR82C59A-5/B	INTERRUPT CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
5962-8501601YA	1	MD82C59A-5/B	INTERRUPT CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
5962-85016023A	1	MR82C59A/B	INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-8501602YA	1	MD82C59A/B	INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-8512703XA	1	HI1-574AUD/883	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
5962-8512703YA	1	HI4-574AUE/883	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
5962-8512704XA	1	HI1-574ATD/883	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
5962-8512704YA	1	HI4-574ATE/883	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
5962-85131013A	1	HI4-546/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
5962-8513101XA	1	HI1-546/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-85131023A	1	HI4-547/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
5962-8513102XA	1	HI1-547/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
5962-85131032A	1	HI4-549/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
5962-8513103EA	1	HI1-549/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
5962-85131073A	1	HI4 506/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
5962-85131073A	1(.3)	HI4-506/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
5962-8513107XA	1	HI1-506/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
5962-85131083A	1	HI4-507/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	Harris
5962-8513108XA	1	HI1-507/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	Harris
5962-85131092A	1	HI4-509/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL	Harris
5962-8513109EA	1	HI1-509/883	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL	Harris
5962-8515301CA	1	CD54HC73F3A	FLIP-FLOP, JK, DUAL, WITH RESET	Harris
5962-8515401CA	1	CD54HC107F3A	FLIP-FLOP, JK, DUAL, WITH RESET	Harris
5962-85155012A	1(<.5)	TIBPAL16L8-20MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515501RA	1(<.5)	TIBPAL16L8-20MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515501SA	1(<.5)	TIBPAL16L8-20MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-85155022A	1(<.5)	TIBPAL16R8-20MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515502RA	1(<.5)	TIBPAL16R8-20MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515502SA	1(<.5)	TIBPAL16R8-20MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-85155032A	1(0)	TIBPAL16R6-20MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515503RA	1(0)	TIBPAL16R6-20MJB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515503SA	1(0)	TIBPAL16R6-20MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-85155042A	1(0)	TIBPAL16R4-20MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515504RA	1(0)	TIBPAL16R4-20MJB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515504SA	1(0)	TIBPAL16R4-20MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-85155052A	1(1.5)	TIBPAL16L8-30MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515505RA	1(1.5)	TIBPAL16L8-30MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515505SA	1(1.5)	TIBPAL16L8-30MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-85155062A	1(<.5)	TIBPAL16R8-30MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515506RA	1(<.5)	TIBPAL16R8-30MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515506SA	1(<.5)	TIBPAL16R8-30MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-85155072A	1(0)	TIBPAL16R6-30MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515507RA	1(0)	TIBPAL16R6-30MJB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515507SA	1(0)	TIBPAL16R6-30MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-85155082A	1(0)	TIBPAL16R4-30MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515508RA	1(0)	TIBPAL16R4-30MJB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515508SA	1(0)	TIBPAL16R4-30MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-85155092A	1(<.5)	TIBPAL16L8-15MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515509RA	1(<.5)	TIBPAL16L8-15MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515509SA	1(<.5)	TIBPAL16L8-15MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-85155102A	1(0)	TIBPAL16R8-15MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515510RA	1(0)	TIBPAL16R8-15MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515510SA	1(0)	TIBPAL16R8-15MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-85155112A	1(1)	TIBPAL16R6-15MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515511RA	1(1)	TIBPAL16R6-15MJB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515511SA	1(1)	TIBPAL16R6-15MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-85155122A	1(0)	TIBPAL16R4-15MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515512RA	1(0)	TIBPAL16R4-15MJB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515512SA	1(0)	TIBPAL16R4-15MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-85155132A	3(4)	TIBPAL16L8-12MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515513RA	3(4)	TIBPAL16L8-12MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515513SA	3(4)	TIBPAL16L8-12MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-85155142A	3(4)	TIBPAL16R8-12MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515514RA	3(4)	TIBPAL16R8-12MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515514SA	3(4)	TIBPAL16R8-12MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-85155152A	3(4)	TIBPAL16R6-12MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515515RA	3(4)	TIBPAL16R6-12MJB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515515SA	3(4)	TIBPAL16R6-12MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-85155162A	2(2)	TIBPAL16R4-12MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515516RA	2(2)	TIBPAL16R4-12MJB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515516SA	2(2)	TIBPAL16R4-12MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-85155172A	3(4)	TIBPAL16L8-10MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515517RA	3(4)	TIBPAL16L8-10MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8515517SA	3(4)	TIBPAL16L8-10MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-85155182A	2(2)	TIBPAL16R8-10MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515518RA	2(2)	TIBPAL16R8-10MJB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8515518SA	2(2)	TIBPAL16R8-10MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-85155192A	2(2)	TIBPAL16R6-10MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8515519RA	2 (2)	TIBPAL16R6-10MJB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8515519SA	2 (2)	TIBPAL16R6-10MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-85155202A	2 (2)	TIBPAL16R4-10MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515520RA	2 (2)	TIBPAL16R4-10MJB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8515520SA	2 (2)	TIBPAL16R4-10MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8550101CA	1 (0)	CD40106BMJ/883	HEX INVERTER, SCHMITT TRIGGER	National
5962-8550102CA	1	14584B/BCAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
5962-8552505UX	2	CY7C185A-55LMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8552505YX	2	CY7C186A-55DMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8552505ZX	2	CY7C185A-55DMB	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8552506TX	2	CY7C185A-45KMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8552506UX	2	CY7C185A-45LMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8552506XX	2	CY7C186A-45DMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8552506ZX	2	CY7C185A-45DMB	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8552507TX	2	CY7C185A-35KMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8552507UX	2	CY7C185A-35LMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8552507XX	2	CY7C186A-35DMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8552507ZX	2	CY7C185A-35DMB	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-85528012A	1	MR82C89/B	BUS ARBITER, 8 MHZ	Harris
5962-8552801RA	1	MD82C89/B	BUS ARBITER, 8 MHZ	Harris
5962-8601501XA	1	6287-35/BXAJC	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
5962-8601502XA	1 (0)	62L87-35/BXAJC	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
5962-8601502ZA	2	62L87-35/BUAJC	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
5962-8601504XA	1	62L87-45/BXAJC	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 45 NS ACCESS TIME	Motorola
5962-8601601QA	1	MD80C88/883	MICROPROCESSOR, 8-BIT	Harris
5962-8601601XA	1	MR80C88/883	MICROPROCESSOR, 8-BIT	Harris
5962-8603202XA	1	68020-16/BZAJC	MICROPROCESSOR, 32-BIT	Motorola
5962-8603202YC	1	68020-16/BYCJC	MICROPROCESSOR, 32-BIT	Motorola
5962-8603203XA	1	68020-20/BZAJC	MICROPROCESSOR, 32-BIT	Motorola
5962-8603203YC	1	68020-20/BYCJC	MICROPROCESSOR, 32-BIT	Motorola
5962-86053013A	2 (2)	TIBPAL22V10AMFKB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-8605301KA	2 (2)	PAL22V10AMWB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-8605301LA	2 (2)	PAL22V10AMJTB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-86053033A	1 (0)	TIBPAT22VP1025MPKFR	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
5962-8605303KA	1 (0)	TIBPAL22VP10-25MWB	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
5962-8605303LA	1 (0)	TIBPAL22VP1025MJTB	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
5962-86053043A	2 (2)	TIBPAL22V10-20MKFB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-8605304KA	2 (2)	TIBPAL22V10-20MWB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-8605304LA	2 (2)	TIBPAL22V10-20MJTB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
5962-86058012A	2	2803L	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-8605801VA	2	2803J	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-86061012A	2 (2)	54HC157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-8606101EA	1	CD54HC157F3A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Harris
5962-8606101EA	2 (2)	54HC157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-8606101EA	2 (2)	54HC157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-86062012A	1 (1)	54HC563	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-8606201RA	1 (1)	54HC563	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-8606201RA	1	CD54HC563F3A	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	Harris
5962-8606201SA	1 (1)	54HC563	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-86071012A	3	54F164ALMQB	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
5962-8607101CA	3	54F164ADMQB	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
5962-8607101DA	3	54F164AFMQB	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
5962-86072012A	2	54F169LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
5962-8607201EA	2	54F169DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
5962-8607201FA	2	54F169FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
5962-86074012A	1	54F322LMQB	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
5962-8607401RA	1	54F322DMQB	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
5962-8607401SA	1	54F322FMQB	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
5962-8670101JA	1	CD54HCT154F3A	DECODER, 4-TO-16-LINE	Harris
5962-86704012A	2	1842L	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670401EA	2	1842J	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670401HA	2	1842F	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670401PA	2	1842Y	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-86704022A	2	1843L	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670402EA	2	1843J	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8670402HA	2	1843F	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670402PA	2	1843Y	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-86704032A	2	1844L	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670403RA	2	1844T	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670403HA	2	1844F	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670403PA	2	1844Y	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-86704042A	2	1845L	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670404EA	2	1845J	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670404HA	2	1845F	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670404PA	2	1845Y	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
5962-8670503YA	1	6268-35/BYAJC	STATIC RAM, 4K X 4, 35 NS ACCESS TIME	Motorola
5962-8670505RA	1	6268-45/BRAJC	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
5962-8670505XA	1	6268-45/BUAJC	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
5962-8670505YA	1	6268-45/BYAJC	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
5962-8670507RA	1	6268-55/BRAJC	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	Motorola
5962-8670507XA	1	6268-55/BUAJC	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	Motorola
5962-8670509RA	1	6268-70/BRAJC	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	Motorola
5962-86710012A	1(0)	54F381M/B2AJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
5962-8671001RA	1(0)	54F381/BRAJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
5962-8671001SA	1(0)	54F381/BSAJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
5962-86710023A	1(0)	54F181LMQB	ALU/FUNCTION GENERATOR, 4-BIT	National
5962-8671002JA	1(0)	54F181DMQB	ALU/FUNCTION GENERATOR, 4-BIT	National
5962-8671101XA	3	LM113H/883B	VOLT. REFERENCE DIODE	National
5962-8671102XA	3	LM113-1H/883B	VOLT. REFERENCE DIODE	National
5962-8671103XA	3	LM113-2H/883B	VOLT. REFERENCE DIODE	National
5962-86716012A	1	HI4-0201HS/883	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Harris
5962-8671601EA	1	HI1-0201HS/883	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Harris
5962-86716022A	1	8671602A	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Siliconix
5962-8671602EA	1	867160EA	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Siliconix
5962-86717012A	1(.5)	SNJ54LS595FK	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8671701EA	1(.5)	SNJ54LS595J	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8671701FA	1(.5)	SNJ54LS595W	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8672101RA	1	DS1691AT-SMD	LINE DRIVER, DUAL DIFFERENTIAL RS-422 PARTY LINE/QUAD SINGLE ENDED RS-423	National
5962-86806012A	1	1846L	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
5962-8680601EA	1	1846J	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
5962-8680601EA	1	LT1846J	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linear
5962-8680601FA	1	1846F	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
5962-8680602EA	1	LT1847J	PULSE WIDTH MODULATOR, CURRENT MODE	Linear
5962-86812012A	3(4)	SNJ54HC368FK	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8681201EA	3(4)	SNJ54HC368J	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8681201EA	1	CD54HC368F3A	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	Harris
5962-8681301RA	1	CD54HC333F3A	LATCH, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
5962-86814012A	1(1)	54HC534	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8681401RA	1(1)	54HC534	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8681401RA	1	CD54HC534F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
5962-8681501RA	1	CD54HC564F3A	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH INVERTED 3-STATE OUTPUTS	Harris
5962-86816012A	1(1)	SNJ54HC595FK	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	T.I.
5962-8681601EA	1(1)	SNJ54HC595J	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	T.I.
5962-8681701EA	1	CD54HC597F3A	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	Harris
5962-86818012A	1(1)	SNJ54HC688FK	MAGNITUDE COMPARATOR, 8-BIT	T.I.
5962-8681801RA	1(1)	SNJ54HC688J	MAGNITUDE COMPARATOR, 8-BIT	T.I.
5962-8681801RA	1	CD54HC688F3A	MAGNITUDE COMPARATOR, 8-BIT	Harris
5962-8681901EA	1	CD54HC4049F3A	BUFFER, HEX INVERTING LOGIC LEVEL CONVERTER	Harris
5962-8682001EA	1	CD54HC4050F3A	CONVERTER, HEX LOGIC LEVEL DOWN	Harris
5962-86821012A	2(2)	SNJ54HC42FK	DECODER, BCD-TO-DECIMAL	T.I.
5962-8682101EA	1	CD54HC42F3A	DECODER, BCD-TO-DECIMAL	Harris
5962-8682101EA	2(2)	SNJ54HC42J	DECODER, BCD-TO-DECIMAL	T.I.
5962-8682101FA	1(0)	54HC42	DECODER, BCD-TO-DECIMAL	T.I.
5962-8682201JA	1	CD54HC154F3A	DECODER, 4-TO-16-LINE	Harris
5962-8682301EA	1	CD54HC158F3A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS	Harris
5962-8682401EA	1	CD54HC160F3A	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	Harris
5962-86825012A	2(2)	SNJ54HC173FK	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8682501EA	2(2)	SNJ54HC173J	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8682501EA	1	CD54HC173F3A	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	Harris
5962-86826012A	1(.5)	54HC194	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	T.I.
5962-8682601EA	1(.5)	SNJ54HC194J	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	T.I.
5962-8682601EA	1	CD54HC194F3A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	Harris
5962-86827012A	1(1)	SNJ54HC195FK	SHIFT REGISTER, 4-BIT PARALLEL	T.I.
5962-8682701EA	1	CD54HC195F3A	SHIFT REGISTER, 4-BIT PARALLEL	Harris
5962-8682701EA	1(1)	SNJ54HC195J	SHIFT REGISTER, 4-BIT PARALLEL	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-86828012A	1 (1)	SNJ54HC366FK	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	T.I.
5962-8682801EA	1	CD54HC366F3A	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	Harris
5962-8682801EA	1 (1)	SNJ54HC366J	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	T.I.
5962-8683101CA	1	CD54HCT00F3A	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
5962-86833012A	2 (2)	SNJ54ALS00AFK	NAND GATE, QUAD 2-INPUT	T.I.
5962-8683301DA	2 (2)	SNJ54ALS00AW	NAND GATE, QUAD 2-INPUT	T.I.
5962-86834012A	1	54F243LMQB	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-86834012A	3	54F243M/B2AJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
5962-8683401CA	1 (0)	54F243/BCAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
5962-8683401CA	1	54F243DMQB	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8683401DA	1	54F243FMQB	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8683401DA	3	54F243/BD AJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
5962-86836012A	2 (2)	SNJ54ALS32FK	OR GATE, QUAD 2-INPUT	T.I.
5962-8683601DA	2 (2)	SNJ54ALS32W	OR GATE, QUAD 2-INPUT	T.I.
5962-86837012A	2 (2)	SNJ54ALS30AFK	NAND GATE, 8-INPUT	T.I.
5962-8683701DA	2 (2)	SNJ54ALS30AW	NAND GATE, 8-INPUT	T.I.
5962-86838012A	1 (1)	SNJ54ALS27FK	NOR GATE, TRIPLE 3-INPUT	T.I.
5962-8683801DA	1 (1)	SNJ54ALS27W	NOR GATE, TRIPLE 3-INPUT	T.I.
5962-86839012A	2 (2)	SNJ54ALS244AFK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8683901SA	2 (2)	SNJ54ALS244AW	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-86840012A	1 (1)	SNJ54ALS191FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-8684001EA	1 (1)	SNJ54ALS191J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-8684001FA	1 (1)	SNJ54ALS191W	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-86841012A	1 (1)	SNJ54ALS11AFK	AND GATE, TRIPLE 3-INPUT	T.I.
5962-8684101DA	1 (1)	SNJ54ALS11AW	AND GATE, TRIPLE 3-INPUT	T.I.
5962-86842012A	2 (2)	SNJ54ALS08FK	AND GATE, QUAD 2-INPUT	T.I.
5962-8684201DA	2 (2)	SNJ54ALS08W	AND GATE, QUAD 2-INPUT	T.I.
5962-86843012A	2 (2)	SNJ54ALS04BFK	HEX INVERTER	T.I.
5962-8684301DA	2 (2)	SNJ54ALS04BW	HEX INVERTER	T.I.
5962-86844012A	1 (1)	SNJ54ALS02AFK	NOR GATE, QUAD 2-INPUT	T.I.
5962-8684401DA	1 (1)	SNJ54ALS02AW	NOR GATE, QUAD 2-INPUT	T.I.
5962-8684501IA	1	LT1016MH	VOLT. COMPARATOR, HIGH-SPEED	Linear
5962-8684501PA	1	LT1016MJ8	VOLT. COMPARATOR, HIGH-SPEED	Linear
5962-8684701EA	1	CD54HC123F3A	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	Harris
5962-86847022A	1	MM54HC123AE/883	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	National
5962-8684702EA	1	MM54HC123AJ/883	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	National
5962-86848012A	3 (4)	SNJ54HC126FK	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8684801CA	3 (4)	SNJ54HC126J	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8684801DA	1	CD54HC126F3A	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
5962-8684901PA	1	1549Y	ANALOG LATCH, CURRENT SENSING, WITH DIGITAL RESET	Linfinity
5962-8685201CA	1	CD54HCT32F3A	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
5962-8685301CA	1	CD54HCT74F3A	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS	Harris
5962-8685401EA	1	CD54HCT161F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNC. CLEAR AND LSTTL-COMPATIBLE INPUTS	Harris
5962-8685501EA	1	CD54HCT165F3A	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT, WITH LSTTL-COMPATIBLE INPUTS	Harris
5962-8685601RA	1	CD54HCT573F3A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, LSTTL-COMPATIBLE INPUTS	Harris
5962-8685701RA	1	CD54HCT688F3A	MAGNITUDE COMPARATOR, 8-BIT, WITH LSTTL-COMPATIBLE INPUTS	Harris
5962-86860012A	1	HA4-4902/883	VOLT. COMPARATOR, QUAD, PRECISION	Harris
5962-8686001EA	1	HA1-4902/883	VOLT. COMPARATOR, QUAD, PRECISION	Harris
5962-8686101PA	3	1503Y	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linfinity
5962-8686101XA	1	LT580SH	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linear
5962-8686101YA	3	1503T	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linfinity
5962-8686102XA	1	LT580TH	VOLT. REFERENCE, 2.5V, PRECISION (.4%)	Linear
5962-86865012A	1 (?)	SNJ54ALS10AFK	NAND GATE, TRIPLE 3-INPUT	T.I.
5962-8686501C A	2	SNJ54ALS10AJ	NAND GATE, TRIPLE 3-INPUT	T.I.
5962-8686501DA	1 (?)	SNJ54ALS10AW	NAND GATE, TRIPLE 3-INPUT	T.I.
5962-86866012A	2 (2)	SNJ54ALS138AFK	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
5962-8686601FA	2 (2)	SNJ54ALS138AW	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
5962-86867012A	3 (4)	SNJ54HCT373FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-8686701PA	1	CD54HCT373F3A	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
5962-8686701RA	3 (4)	SNJ54HCT373J	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-86869012A	2 (2)	SNJ54ALS157AFK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-8686901EA	2 (2)	SNJ54ALS157AJ	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8686901FA	2 (2)	SNJ54ALS157AW	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-86871012A	1 (.5)	SNJ54ALS38BFK	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8687101BA	1 (0)	54ALS38AWA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8687101CA	1 (.5)	SNJ54ALS38BJ	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8687101DA	1 (.5)	SNJ54ALS38BW	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-86872012A	3 (4)	54F38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8687201CA	3 (4)	54F38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8687201DA	3 (4)	54F38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-86874012A	1 (0)	54F241M/B2AJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
5962-86879013A	1	HS4-3182/883	LINE DRIVER, ARINC BUS INTERFACE	Harris
5962-8687901EA	1	HS1-3182/883	LINE DRIVER, ARINC BUS INTERFACE	Harris
5962-8688001QA	1	HS1-3282/883	BUS INTERFACE CIRCUIT, ARINC	Harris
5962-8688001XA	1	HS4-3282/883	BUS INTERFACE CIRCUIT, ARINC	Harris
5962-8688201XA	1	LH0070-0H	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8688202XA	1	LH0070-1H	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8688203XA	1	LH0070-2H	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8688301CA	1	CD54HC08F3A	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
5962-86884012A	1 (.5)	SNJ54HC238FK	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
5962-8688401EA	1	CD54HC238F3A	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	Harris
5962-8688401FA	1 (.5)	SNJ54HC238J	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
5962-8688501JA	1	CD54HC646F3A	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	Harris
5962-8688601EA	1	CD54HC4538F3A	MULTIBIBRATOR, DUAL MONOSTABLE RETRIGGERABLE, PRECISION	Harris
5962-8688701CA	2	OP227AJ	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE	Linear
5962-86888022A	1 (1)	SNJ55189AFK	LINE RECEIVER, QUAD	T.I.
5962-8688802CA	1 (1)	SNJ55189AJ	LINE RECEIVER, QUAD	T.I.
5962-8688802DA	1 (1)	SNJ55189AW	LINE RECEIVER, QUAD	T.I.
5962-86889012A	1 (1)	SNJ55188FK	LINE DRIVER, QUAD	T.I.
5962-8688901CA	1 (1)	SNJ55188J	LINE DRIVER, QUAD	T.I.
5962-8688901DA	1 (1)	SNJ55188W	LINE DRIVER, QUAD	T.I.
5962-8689001CA	1	CD54HC114F3A	HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS	Harris
5962-86891012A	1 (.5)	SNJ54HC191PK	BINARY COUNTER, 4 BIT SYNCHRONOUS UP/DOWN, WITH PRESET	T.I.
5962-8689101EA	1	CD54HC191F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	Harris
5962-8689101FA	1 (.5)	SNJ54HC191J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	T.I.
5962-87001012A	1	10H536M/B2AJC	UNIVERSAL COUNTER	Motorola
5962-8700101EA	1	10H536/BEAJC	UNIVERSAL COUNTER	Motorola
5962-8700101FA	1	10H536/BFAJC	UNIVERSAL COUNTER	Motorola
5962-87501012A	1	10H515M/B2AJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-8750101EA	1	10H515/BEAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-8750101FA	1	10H515/BFAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
5962-87502012A	1	10H516M/B2AJC	LINE RECEIVER, TRIPLE	Motorola
5962-8750201EA	1	10H516/BEAJC	LINE RECEIVER, TRIPLE	Motorola
5962-8750201FA	1	10H516/BFAJC	LINE RECEIVER, TRIPLE	Motorola
5962-87503012A	1	10H501M/B2AJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
5962-8750301EA	1	10H501/BEAJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
5962-8750301FA	1	10H501/BFAJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
5962-87504012A	1	10H504M/B2AJC	AND GATE, QUAD 2-INPUT	Motorola
5962-8750401EA	1	10H504/BEAJC	AND GATE, QUAD 2-INPUT	Motorola
5962-8750401FA	1	10H504/BFAJC	AND GATE, QUAD 2-INPUT	Motorola
5962-87505012A	1	10H535M/B2AJC	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
5962-8750501EA	1	10H535/BEAJC	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
5962-8750501FA	1	10H535/BFAJC	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
5962-87506012A	1	10H574M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
5962-8750601EA	1	10H574/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
5962-8750601FA	1	10H574/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
5962-87507012A	1	10H505M/B2AJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
5962-8750701EA	1	10H505/BEAJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
5962-8750701FA	1	10H505/BFAJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
5962-87508012A	1	10H525/B2AJC	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
5962-8750801EA	1	10H525/BEAJC	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
5962-8750801FA	1	10H525/BFAJC	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
5962-87509012A	1	10H588M/B2AJC	HEX BUFFER, WITH ENABLE	Motorola
5962-8750901EA	1	10H588/BEAJC	HEX BUFFER, WITH ENABLE	Motorola
5962-8750901FA	1	10H588/BFAJC	HEX BUFFER, WITH ENABLE	Motorola
5962-87510012A	1	10H589M/B2AJC	HEX INVERTER, WITH ENABLE	Motorola
5962-8751001EA	1	10H589/BEAJC	HEX INVERTER, WITH ENABLE	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8751001FA	1	10H589/BFAJC	HEX INVERTER, WITH ENABLE	Motorola
5962-87511012A	1	10H541M/B2AJC	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
5962-8751101EA	1	10H541/BEAJC	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
5962-8751101FA	1	10H541/BFAJC	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
5962-87512012A	1	10H576M/B2AJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
5962-8751201EA	1	10H576/BEAJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
5962-8751201FA	1	10H576/BFAJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
5962-87515053X	2	CY7C261-45QMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8751505LX	2	CY7C261-45WMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-87515063X	2	CY7C261-55QMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8751506KX	2	CY7C261-55TMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8751506LX	2	CY7C261-55WMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-87515073X	2	CY7C261-35QMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8751507LX	2	CY7C261-35WMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-87515083X	2	CY7C263-35QMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8751508JX	2	CY7C264-35WMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8751508KX	2	CY7C263-35TMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-8751508LX	2	CY7C263-35WMB	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
5962-87515093X	2	CY7C263-45QMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8751509JX	2	CY7C264-45WMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8751509KX	2	CY7C263-45TMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-8751509LX	2	CY7C263-45WMB	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
5962-87515103X	2	CY7C263-55QMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8751510JX	2	CY7C264-55WMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8751510KX	2	CY7C263-55TMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-8751510LX	2	CY7C263-55WMB	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
5962-87515113X	2	CY7C263-25QMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-8751511JX	2	CY7C264-25WMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-8751511KX	2	CY7C263-25TMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-8751511LX	2	CY7C263-25WMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-87515123X	2	CY7C261-25QMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-8751512KX	2	CY7C261-25TMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-8751512LX	2	CY7C261-25WMB	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
5962-87517012A	1 (<.5)	SNJ54LS590FK	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
5962-8751701EA	1 (<.5)	SNJ54LS590J	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
5962-8751701FA	1 (<.5)	SNJ54LS590W	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
5962-8752101VA	1	MM54C922J/883	KEYBOARD ENCODER, 16-KEY, WITH 3-STATE OUTPUTS	National
5962-87522012A	1	DS9622ME/883	LINE RECEIVER, DUAL	National
5962-8752201AA	1	DS9622MW/883	LINE RECEIVER, DUAL	National
5962-8752201CA	1	DS9622MJ/883	LINE RECEIVER, DUAL	National
5962-8752301PA	3	DS9636AJ/883	LINE RECEIVER, DUAL DIFFERENTIAL, PROGRAMMABLE SLEW RATE	National
5962-8752401PA	2	DS9637AMJ/883	LINE RECEIVER, DUAL DIFFERENTIAL	National
5962-8752501B2A	3 (10)	JMS4ACT74B2A	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501BCA	3 (10)	JMS4ACT74BCA	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501BDA	3 (10)	JMS4ACT74BDA	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501M2A	3	54ACT74LMQB	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501MCA	3	54ACT74DMQB	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501MDA	3	54ACT74FMQB	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501S2A	3 (10)	JMS4ACT74S2A	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501SCA	3 (10)	JMS4ACT74SCA	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-8752501SDA	3 (10)	JMS4ACT74SDA	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
5962-87525022A	1 (.5)	SNJ54ACT11074FK	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	T.I.
5962-8752502CA	1 (.5)	SNJ54ACT11074J	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	T.I.
5962-87533013A	1 (1)	SNJ54ALS857FK	DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-8753301LA	1 (1)	SNJ54ALS857J	DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-87539013X	1	PALC22V10-25QMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8753901LX	1	PALC22V10-25WMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-87539023X	1	PALC22V10-30QMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8753902LX	1	PALC22V10-30WMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8753903LX	1	PALC22V10-40WMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-87539043X	2	PALC22V10R-20QMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8753904LX	2	PALC22V10B-20WMB	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-87541012A	1	10H610M/B2AJC	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
5962-8754101EA	1	10H610/BEAJC	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
5962-8754101FA	1	10H610/BFAJC	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
5962-8754501CA	1	LM760J/883	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8754501GA	1	LM760H/883	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8754601PA	2	DS9638J/883	LINE DRIVER, DUAL DIFFERENTIAL, HIGH-SPEED	National
5962-87547012A	3 (4)	SNJ55110AFK	LINE DRIVER, DUAL	T.I.
5962-8754701CA	3 (4)	SNJ55110AJ	LINE DRIVER, DUAL	T.I.
5962-8754701DA	3 (4)	SNJ55110AW	LINE DRIVER, DUAL	T.I.
5962-87547022A	1 ()	SNJ55109AFK	LINE DRIVER, DUAL	T.I.
5962-8754702CA	1 ()	SNJ55109AJ	LINE DRIVER, DUAL	T.I.
5962-8754702DA	1 ()	SNJ55109AW	LINE DRIVER, DUAL	T.I.
5962-87549012A	3	54AC00LMQB	NAND GATE, QUAD 2-INPUT	National
5962-8754901CA	3	54AC00DMQB	NAND GATE, QUAD 2-INPUT	National
5962-8754901DA	3	54AC00FMQB	NAND GATE, QUAD 2-INPUT	National
5962-87549022A	3 (4)	SNJ54AC11000FK	NAND GATE, QUAD 2-INPUT	T.I.
5962-8754902EA	3 (4)	SNJ54AC11000J	NAND GATE, QUAD 2-INPUT	T.I.
5962-87550012A	3	54AC240LMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-8755001RA	3	54AC240DMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-8755001SA	3	54AC240FMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-87551012A	3	54AC241LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8755101RA	3	54AC241DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8755101SA	3	54AC241FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-87551023A	1 (0)	SNJ54AC11241FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-87552012A	3	54AC244LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8755201RA	3	54AC244DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8755201SA	3	54AC244FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-87552023A	1 (0)	SNJ54AC11244FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8755202LA	1 (0)	SNJ54AC11244JT	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-87553012A	3	54ACT139LMQB	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	National
5962-8755301EA	3	54ACT139DMQB	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	National
5962-8755301FA	3	54ACT139FMQB	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	National
5962-8755401B2A	3 (10)	JMS54ACT138B2A	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401BEA	3 (10)	JMS54ACT138BEA	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401BFA	3 (10)	JMS54ACT138BFA	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401M2A	3	54ACT138LMQB	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401MEA	3	54ACT138DMQB	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401MFA	3	54ACT138FMQB	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401S2A	3 (10)	JMS54ACT138S2A	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401SEA	3 (10)	JMS54ACT138SEA	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755401SFA	3 (10)	JMS54ACT138SFA	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	National
5962-8755402M2A	2 (2)	54ACT11138FK	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
5962-8755402MEA	2 (2)	54ACT11138J	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
5962-87555012A	3	54AC373LMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
5962-8755501RA	3	54AC373DMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
5962-8755501SA	3	54AC373FMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
5962-87555023A	1 (0)	SNJ54AC11373FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-87556012A	3	54ACT373LMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8755601RA	3	54ACT373DMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8755601SA	3	54ACT373FMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87556023A	1 (0)	SNJ54ACT11373FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-8755602LA	1 (0)	SNJ54ACT11373JT	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-87557012A	1	10H502M/B2AJC	NOR GATE, QUAD 2-INPUT	Motorola
5962-8755701EA	1	10H502/BEAJC	NOR GATE, QUAD 2-INPUT	Motorola
5962-8755701FA	1	10H502/BFAJC	NOR GATE, QUAD 2-INPUT	Motorola
5962-87558012A	1	10H513M/B2AJC	EXCLUSIVE-OR GATE, QUAD	Motorola
5962-8755801EA	1	10H513/BEAJC	EXCLUSIVE-OR GATE, QUAD	Motorola
5962-8755801FA	1	10H513/BFAJC	EXCLUSIVE-OR GATE, QUAD	Motorola
5962-87559012A	1	10H518M/B2AJC	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
5962-8755901EA	1	10H518/BEAJC	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
5962-8755901FA	1	10H518/BFAJC	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
5962-87560012A	1	10H524M/B2AJC	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
5962-8756001EA	1	10H524/BEAJC	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
5962-8756001FA	1	10H524/BFAJC	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
5962-87561012A	1	10H531M/B2AJC	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola
5962-8756101EA	1	10H531/BEAJC	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8756101FA	1	10H531/BFAJC	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola
5962-87562012A	1	10H560M/B2AJC	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
5962-8756201EA	1	10H560/BEAJC	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
5962-8756201FA	1	10H560/BFAJC	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
5962-87563012A	1	10H586M/B2AJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
5962-8756301EA	1	10H586/BEAJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
5962-8756301FA	1	10H586/BFAJC	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
5962-87564012A	1	10H506M/B2AJC	NOR GATE, TRIPLE 4-3-3 INPUT	Motorola
5962-8756401EA	1	10H506/BEAJC	NOR GATE, TRIPLE 4 3 3 INPUT	Motorola
5962-8756401FA	1	10H506/BFAJC	NOR GATE, TRIPLE 4-3-3 INPUT	Motorola
5962-87565012A	1	10H503M/B2AJC	OR GATE, QUAD 2-INPUT	Motorola
5962-8756501EA	1	10H503/BEAJC	OR GATE, QUAD 2-INPUT	Motorola
5962-8756501FA	1	10H503/BFAJC	OR GATE, QUAD 2-INPUT	Motorola
5962-87566012A	1	10H558M/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-8756601EA	1	10H558/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-8756601FA	1	10H558/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-87567012A	1	10H561M/B2AJC	DECODER, BINARY TO 1-OF-8	Motorola
5962-8756701EA	1	10H561/BEAJC	DECODER, BINARY TO 1-OF-8	Motorola
5962-8756701FA	1	10H561/BFAJC	DECODER, BINARY TO 1-OF-8	Motorola
5962-87568012A	1	10H571M/B2AJC	DECODER, BINARY TO 1-4	Motorola
5962-8756801EA	1	10H571/BEAJC	DECODER, BINARY TO 1-4	Motorola
5962-8756801FA	1	10H571/BFAJC	DECODER, BINARY TO 1-4	Motorola
5962-87569012A	1	10H609M/B2AJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
5962-8756901EA	1	10H609/BEAJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
5962-8756901FA	1	10H609/BFAJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
5962-8757203BA	1	LM161F/883B	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8757203CA	1	LM161J/883B	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8757203IA	1	LM161H/883B	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-87577012A	1	MR82C86H-5/883	BUS TRANSCEIVER, 8-BIT	Harris
5962-8757701RA	1	MD82C86H-5/883	BUS TRANSCEIVER, 8-BIT	Harris
5962-87577022A	1	MR82C87H-5/883	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	Harris
5962-8757702RA	1	MD82C87H-5/883	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	Harris
5962-87578012A	2 (4)	LT1007AMFKB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
5962-8757801GA	2	LT1007AMH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8757801PA	3 (4)	LT1007AMJGB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
5962-8757801PB	1	LT1007AMJ8	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-87578022 A	3	LT1007MFKB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
5962-8757802P A	3	LT1007MJGB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
5962-87590012A	1	10H416M/B2AJC	BINARY COUNTER, 4-BIT	Motorola
5962-8759001EA	1	10H416/BEAJC	BINARY COUNTER, 4-BIT	Motorola
5962-8759001FA	1	10H416/BFAJC	BINARY COUNTER, 4-BIT	Motorola
5962-87594012A	3	LM185E-1.2/883	VOLT. REFERENCE DIODE	National
5962-8759401XA	3	LM185H-1.2	VOLT. REFERENCE DIODE	Linear
5962-8759401XA	3	LM185H-1.2/883	VOLT. REFERENCE DIODE	National
5962-87594022A	3	LM185E-2.5/883	VOLT. REFERENCE DIODE	National
5962-8759402XA	3	LM185H-2.5	VOLT. REFERENCE DIODE	Linear
5962-8759402XA	3	LM185H-2.5/883	VOLT. REFERENCE DIODE	National
5962-8759405XA	3	LM185BYH1.2/883	VOLT. REFERENCE DIODE	National
5962-8759406XA	3	LM185BYH2.5/883	VOLT. REFERENCE DIODE	National
5962-8760401GA	1	LM10H/883B	OP AMP/VOLT. REFERENCE	National
5962-8760401PA	1	LM10H	OP AMP/VOLT. REFERENCE	Linear
5962-8760401PB	1	LM10J8	OP AMP/VOLT. REFERENCE	Linear
5962-8760601CA	1	LM110J/883B	VOLT. FOLLOWER, HIGH-SPEED	National
5962-8760601GA	1	LM110H/883B	VOLT. FOLLOWER, HIGH-SPEED	National
5962-8760601PA	1	LM110J-8/883B	VOLT. FOLLOWER, HIGH-SPEED	National
5962-8760701GA	2	LM131AH/883B	VOLT.-TO-FREQUENCY CONVERTER	National
5962-8760801GA	1	LF198H/883B	SAMPLE AND HOLD AMPLIFIER	National
5962-87609012A	3	54AC04LMQB	HEX INVERTER	National
5962-8760901CA	3	54AC04DMQB	HEX INVERTER	National
5962-8760901DA	3	54AC04FMQB	HEX INVERTER	National
5962-87609022A	1 (.5)	SNJ54AC11004FK	HEX INVERTER	T. I.
5962-8760902RA	1 (.5)	SNJ54AC11004J	HEX INVERTER	T. I.
5962-87610012A	3	54AC10LMQB	NAND GATE, TRIPLE 3-INPUT	National
5962-8761001CA	3	54AC10DMQB	NAND GATE, TRIPLE 3-INPUT	National
5962-8761001DA	3	54AC10FMQB	NAND GATE, TRIPLE 3-INPUT	National
5962-87610022A	1 (1)	SNJ54AC11010FK	NAND GATE, TRIPLE 3-INPUT	T. I.
5962-87610022Y	1 (1)	SNJ54AC11010FK	NAND GATE, TRIPLE 3-INPUT	T. I.
5962-8761002EA	1 (1)	SNJ54AC11010J	NAND GATE, TRIPLE 3-INPUT	T. I.
5962-87611012A	3	54AC11LMQB	AND GATE, TRIPLE 3-INPUT	National
5962-8761101CA	3	54AC11DMQB	AND GATE, TRIPLE 3-INPUT	National
5962-8761101DA	3	54AC11FMQB	AND GATE, TRIPLE 3-INPUT	National
5962-87612012A	3	54AC02LMQB	NOR GATE, QUAD 2-INPUT	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8761201CA	2	54AC02DMQB	NOR GATE, QUAD 2-INPUT	National
5962-8761201DA	2	54AC02FMQB	NOR GATE, QUAD 2-INPUT	National
5962-87612022A	1(1)	SNJ54AC11002FK	NOR GATE, QUAD 2-INPUT	T.I.
5962-8761202EA	1(1)	SNJ54AC11002J	NOR GATE, QUAD 2-INPUT	T.I.
5962-87613012A	2	54AC20LMQB	NAND GATE, DUAL 4-INPUT	National
5962-8761301CA	2	54AC20DMQB	NAND GATE, DUAL 4-INPUT	National
5962-8761301DA	2	54AC20FMQB	NAND GATE, DUAL 4-INPUT	National
5962-87614012A	3	54AC32LMQB	OR GATE, QUAD 2-INPUT	National
5962-8761401CA	3	54AC32DMQB	OR GATE, QUAD 2-INPUT	National
5962-8761401DA	3	54AC32FMQB	OR GATE, QUAD 2-INPUT	National
5962-87614022A	1(.5)	SNJ54AC11032FK	OR GATE, QUAD 2-INPUT	T.I.
5962-8761402EA	1(.5)	SNJ54AC11032J	OR GATE, QUAD 2-INPUT	T.I.
5962-87615012A	3	54AC08LMQB	AND GATE, QUAD 2-INPUT	National
5962-8761501CA	3	54AC08DMQB	AND GATE, QUAD 2-INPUT	National
5962-8761501DA	3	54AC08FMQB	AND GATE, QUAD 2-INPUT	National
5962-87615022A	1(1)	54AC11008FK	AND GATE, QUAD 2-INPUT	T.I.
5962-8761502EA	1(1)	54AC11008J	AND GATE, QUAD 2-INPUT	T.I.
5962-8761801VA	1	HI1-524/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL WIDEBAND VIDEO	Harris
5962-87621012A	1(.5)	SNJ54LS592FK	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
5962-8762101EA	1(.5)	SNJ54LS592J	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
5962-8762101FA	1(.5)	SNJ54LS592W	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
5962-87622012A	3	54AC138LMQB	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
5962-8762201EA	3	54AC138DMQB	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
5962-8762201FA	3	54AC138FMQB	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
5962-87623012A	3	54AC139LMQB	DECODER, DUAL 2-TO-4-LINE	National
5962-8762301EA	3	54AC139DMQB	DECODER, DUAL 2-TO-4-LINE	National
5962-8762301FA	3	54AC139FMQB	DECODER, DUAL 2-TO-4-LINE	National
5962-87624012A	3	54AC14LMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-8762401CA	3	54AC14DMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-8762401DA	3	54AC14FMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-87625012A	2	54AC153LMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
5962-8762501EA	2	54AC153DMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
5962-8762501FA	2	54AC153FMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
5962-87626012A	3	54AC174LMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
5962-8762601EA	3	54AC174DMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
5962-8762601FA	3	54AC174FMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
5962-87627012A	3	54FCT377LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8762701RA	3	54FCT377DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8762701SA	3	54FCT377FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-87628012A	2	54FCT374LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-8762801RA	2	54FCT374DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-8762801SA	2	54FCT374FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-87629012A	3	54FCT245LMQB	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8762901RA	3	54FCT245DMQB	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8762901SA	3	54FCT245FMQB	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87630012A	2	54FCT244LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8763001RA	2	54FCT244DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8763001SA	2	54FCT244FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87631012A	3	54ACT374LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8763101RA	3	54ACT374DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8763101SA	3	54ACT374FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87631023A	1(1)	SNJ54ACT11374FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-8763102LA	1(1)	SNJ54ACT11374JT	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-8763302M3A	1(1)	54ACT11245	SIGNAL PROCESSOR, DIGITAL, 25 MHZ	T.I.
5962-8763307Y	1	SM7320C15FJM	SIGNAL PROCESSOR, DIGITAL, 6.7 - 20 MHZ	T.I.

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8763308Y	1	SMJ320C15-25FJM	SIGNAL PROCESSOR, DIGITAL, 6.7 - 25 MHZ	T.I.
5962-8764301EA	1	3517/BEAJC	MODULATOR/DEMULATOR, CONTINUOUSLY VARIABLE SLOPE DELTA	Motorola
5962-87644012A	2	54FCT373LMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INP	National
5962-8764401RA	2	54FCT373DMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INP	National
5962-8764401SA	2	54FCT373FMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INP	National
5962-8764501EA	1	1524DJ	PULSE WIDTH MODULATOR, REGULATING	Linfinity
5962-8764601EA	1	14490A/BEAJC	CONTACT BOUNCE ELIMINATOR, HEX	Motorola
5962-87647012A	1(.5)	SNJ54HC03FK	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-8764701CA	1	CD54HC03F3A	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	Harris
5962-8764701CA	1(.5)	SNJ54HC03J	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-8765301JA	1	ICM7170MDG/883B	CLOCK, REAL-TIME, MICROPROCESSOR-COMPATIBLE	Harris
5962-8765301JC	1	ICM7170MDG/883B	CLOCK, REAL-TIME, MICROPROCESSOR-COMPATIBLE	Harris
5962-87654012A	3	54FCT138LMQB	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
5962-8765401EA	3	54FCT138DMQB	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
5962-8765401FA	3	54FCT138FMQB	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
5962-87655012A	2	54FCT240LMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8765501RA	2	54FCT240DMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8765501SA	2	54FCT240FMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87656012A	3	54FCT273LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	National
5962-8765601RA	3	54FCT273DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	National
5962-8765601SA	3	54FCT273FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	National
5962-8765701GA	1	1590/BGAJC	WIDEBAND AMPLIFIER, WITH AGC	Motorola
5962-87658012A	1(.5)	TLC372MFKB	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
5962-8765801PA	1(.5)	TLC372MTCR	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
5962-87659012A	1(.5)	TLC374MFKB	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
5962-8765901CA	1(.5)	TLC374MJB	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
5962-87659022A	1(.5)	TLC139MFKB	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
5962-8765902CA	1(.5)	TLC139MJB	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
5962-8766001CC	1	ICL7667MTV/883B	DRIVER, MOSFET, DUAL POWER	Harris
5962-8766001PA	1	ICL7667MJA/883B	DRIVER, MOSFET, DUAL POWER	Harris
5962-8766301B2A	3(9.75)	JM54ACT245B2A	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301BRA	3(9.75)	JM54ACT245BRA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301BSA	3(9.75)	JM54ACT245BSA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301M2A	3	54ACT245LMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301MRA	3	54ACT245DMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301MSA	3	54ACT245FMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301S2A	3(9.75)	JM54ACT245S2A	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301SRA	3(9.75)	JM54ACT245SRA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766301SSA	3(9.75)	JM54ACT245SSA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766302M3A	1(1)	SNJ54ACT11245FK	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	T.I.
5962-8766302MLA	1(1)	SNJ54ACT11245JT	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	T.I.
5962-87664012A	3	54ACT573LMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766401RA	3	54ACT573DMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766401SA	3	54ACT573FMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8766601VA	3	LT1080MJ	BUS TRANSCEIVER, DUAL RS232, WITH SHUTDOWN	Linear
5962-8766602EA	3	LT1081MJ	BUS TRANSCEIVER, DUAL RS232	Linear
5962-8766801MYA	1	MQ80386-16	MICROPROCESSOR, 32-BIT, 16 MHZ	Intel
5962-8766803MYA	1	MQ80386-20	MICROPROCESSOR, 32-BIT, 20 MHZ	Intel
5962-8766803QYX	1	MQ80386Q-20	MICROPROCESSOR, 32-BIT, 20 MHZ	Intel

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	RSD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8766804MYA	1	MQ80386-25	MICROPROCESSOR, 32-BIT, 25 MHZ	Intel
5962-8766804QYX	1	MQ80386Q-25	MICROPROCESSOR, 32-BIT, 25 MHZ	Intel
5962-8766901BCA	2 (2.5)	JM54ACT00BCA	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
5962-8766901BDA	2 (2.5)	JM54ACT00BDA	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
5962-8766901SCA	2 (2.5)	JM54ACT00SCA	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
5962-8766901SDA	2 (2.5)	JM54ACT00SDA	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
5962-87671013A	1 (0)	TIBPAL20L8-20MFDB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8767101KA	1 (0)	TIBPAL20L8-20MWB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-8767101TA	1 (0)	TIBPAL20L8-20MTR	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
5962-87671023A	1 (0)	TIBPAL20R8-20MFDB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8767102KA	1 (0)	TIBPAL20R8-20MWB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8767102LA	1 (0)	TIBPAL20R8-20MJB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-87671033A	1 (0)	TIBPAL20R6-20MFDB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8767103KA	1 (0)	TIBPAL20R6-20MWB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8767103LA	1 (0)	TIBPAL20R6-20MJB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-87671043A	1 (0)	TIBPAL20R4-20MFDB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8767104KA	1 (0)	TIBPAL20R4-20MWB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8767104LA	1 (0)	TIBPAL20R4-20MJB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-87671153A	2 (2)	TIBPAL20L8-10MFKB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR INVERT	T.I.
5962-8767115KA	2 (2)	TIBPAL20L8-10MWB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR INVERT	T.I.
5962-8767115LA	2 (2)	TIBPSL20L8-10MJB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR INVERT	T.I.
5962-87671163A	2 (2)	TIBPAL20R8-10MFKB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8767116KA	2 (2)	TIBPAL20R8-10MWB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-8767116LA	2 (2)	TIBPAL20R8-10MJB	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
5962-87671173A	2 (2)	TIBPAL20R6-10MFKB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8767117KA	2 (2)	TIBPAL20R6-10MWB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-8767117LA	2 (2)	TIBPAL20R6-10MJB	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
5962-87671183A	2 (2)	TIBPAL20R4-10MFKB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8767118KA	2 (2)	TIBPAL20R4-10MWB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-8767118LA	2 (2)	TIBPAL20R4-10MJB	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
5962-87671193A	2 (2)	TIBPAL20R8-7MFKB	PROG. LOGIC DEVICE	T.I.
5962-8767119KA	2 (2)	TIBPAL20R8-7MWB	PROG. LOGIC DEVICE	T.I.
5962-8767119LA	2 (2)	TIBPAL20R8-7MJB	PROG. LOGIC DEVICE	T.I.
5962-8767301CA	1	8767301CA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
5962-8767301IA	1	8768301IA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
5962-8767301XA	1	8767301XA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
5962-8767401CA	1	LM160J-14/883	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8767401GA	1	LM160H/883	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8767401PA	1	LM160J/883	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
5962-8767501XA	1	LM150KSTEEL/883B	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	National
5962-8767501XA	1	LM150K	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	Linear
5962-8767502XA	1	LT150AK	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	Linear
5962-87677012A	1	HAA-5330/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-8767701CA	1	HA1-5330/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-8768001EA	1	CD54HC4060F3A	BINARY COUNTER, 14-STAGE	Harris
5962-87681012A	1	1825CL	PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	Linfinity
5962-8768101EA	1	1825CJ	PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	Linfinity
5962-87683012A	3 (4)	SNJ54ALS139FK	DECODER, DUAL 2-TO-4-LINE	T.I.
5962-8768301EA	3 (4)	SNJ54ALS139J	DECODER, DUAL 2-TO-4-LINE	T.I.
5962-8768301FA	3 (4)	SNJ54ALS139W	DECODER, DUAL 2-TO-4-LINE	T.I.
5962-8768401MMA	2	87C51/BMA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-8768401MQA	2	87C51/BQA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-8768401MUA	2	87C51/BUA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-8768402MMA	2	87C51-16/BMA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-8768402MQA	2	87C51-16/BQA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-8768402MUA	2	87C51-16/BUA	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-8768901VA	1	8768901VA	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL LATCHABLE	Siliconix
5962-87691012A	2	54AC151LMQB	DATA SEL/MULTIPLEXER, 8-INPUT	National
5962-8769101EA	2	54AC151DMQB	DATA SEL/MULTIPLEXER, 8-INPUT	National
5962-8769101FA	2	54AC151FMQB	DATA SEL/MULTIPLEXER, 8-INPUT	National
5962-87692012A	3	54AC251LMQB	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
5962-8769201EA	3	54AC251DMQB	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
5962-8769201FA	3	54AC251FMQB	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
5962-87693012A	2	54AC253LMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
5962-8769301EA	2	54AC253DMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
5962-8769301FA	2	54AC253FMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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5962-87694012A	2	54AC374LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8769401RA	2	54AC374DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8769401SA	2	54AC374FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-87695012A	3	54AC540LMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-8769501RA	3	54AC540DMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-8769501SA	3	54AC540FMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
5962-8769701B2A	3 (4.75)	JM54ACT377B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701BRA	3 (4.75)	JM54ACT377BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701BSA	3 (4.75)	JM54ACT377BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701M2A	3	54ACT377LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701MRA	3	54ACT377DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701MSA	3	54ACT377FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701S2A	3 (4.75)	JM54ACT377S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701SRA	3 (4.75)	JM54ACT377SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-8769701SSA	3 (4.75)	JM54ACT377SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-87698012A	3	54ACT153LMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
5962-8769801EA	3	54ACT153DMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
5962-8769801FA	3	54ACT153FMQB	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
5962-8769901B2A	2 (2.5)	JM54ACT00B2A	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8769901M2A	2	54ACT00LMQB	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8769901MCA	2	54ACT00DMQB	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8769901MDA	2	54ACT00FMQB	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8769901S2A	2 (2.5)	JM54ACT00S2A	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-87699022A	1 (1)	SNJ54ACT11000FK	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-8769902EA	1 (1)	SNJ54ACT11000J	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-87700012A	1 (0)	AD7524MFK	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .5 LSB	T.I.
5962-8770001EA	1 (0)	AD7524MJ	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .5 LSB	T.I.
5962-87710012A	1 (.5)	LM158FKB	OP AMP, DUAL, LOW-POWER	T.I.
5962-8771001GA	1	LM158H/883	OP AMP, DUAL, LOW-POWER	National
5962-8771001GA	1	158/BGAJC	OP AMP, DUAL, LOW-POWER	Motorola
5962-8771001PA	1	158/BPAJC	OP AMP, DUAL, LOW-POWER	Motorola
5962-8771001PA	1 (.5)	LM158JGB	OP AMP, DUAL, LOW-POWER	T.I.
5962-8771001PA	1	LM158J/883	OP AMP, DUAL, LOW-POWER	National
5962-87710022A	1 (.5)	LM158AFKB	OP AMP, DUAL, LOW-POWER	T.I.
5962-8771002GA	1	LM158AH/883	OP AMP, DUAL, LOW-POWER	National
5962-8771002PA	1 (.5)	LM158AJGB	OP AMP, DUAL, LOW-POWER	T.I.
5962-8771002PA	1	LM158AJ/883	OP AMP, DUAL, LOW-POWER	National
5962-8771501CA	1	LT1002AMJ	OP AMP, DUAL, ULTRA-LOW OFFSET, MATCHED	Linear
5962-87721012A	3 (4)	SNJ54HC125FK	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	T.I.
5962-8772101CA	1	CD54HC125F3A	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	Harris
5962-8772101CA	3 (4)	SNJ54HC125J	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	T.I.
5962-87722012A	2 (2)	SNJ54HC4075FK	OR GATE, TRIPLE 3-INPUT	T.I.
5962-8772201CA	1	CD54HC4075F3A	OR GATE, TRIPLE 3-INPUT	Harris
5962-8772201CA	2 (2)	SNJ54HC4075J	OR GATE, TRIPLE 3-INPUT	T.I.
5962-87723012A	1 (1)	SNJ54HC133FK	NAND GATE, 13-INPUT	T.I.
5962-8772301EA	1 (1)	SNJ54HC133J	NAND GATE, 13-INPUT	T.I.
5962-87724012A	3 (4)	SNJ54HC193FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-8772401EA	1	MM54HC193J/883	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
5962-8772401EA	3 (4)	SNJ54HC193J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-8772401EA	1	CD54HC193F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Harris
5962-8772501RA	1	CD54HCT273F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	Harris
5962-87727012A	1	10H507M/B2AJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
5962-8772701EA	1	10H507/BEAJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
5962-8772701FA	1	10H507/BFAJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
5962-87728012A	1	10H519M/B2AJC	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
5962-8772801EA	1	10H519/BEAJC	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
5962-8772801FA	1	10H519/BFAJC	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
5962-87729012A	1	10H564M/B2AJC	MULTIPLEXER, 8-INPUT	Motorola
5962-8772901EA	1	10H564/BEAJC	MULTIPLEXER, 8-INPUT	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8772901FA	1	10H564/BFAJC	MULTIPLEXER, 8-INPUT	Motorola
5962-87730012A	1	10H521M/B2AJC	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
5962-8773001EA	1	10H521/BEAJC	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
5962-8773001FA	1	10H521/BFAJC	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
5962-8773301EA	1	CD54HC4511F3A	DECODER/DRIVER, BCD-TO-SEVEN-SEGMENT	Harris
5962-8773801GA	1	LT1001MH	OP AMP, LOW-OFFSET	Linear
5962-8773801PA	1	LT1001MJ8	OP AMP, LOW-OFFSET	Linear
5962-8773803GA	1	LT1001AMH	OP AMP, LOW-OFFSET	Linear
5962-8773803PA	1	LT1001AMJ8	OP AMP, LOW-OFFSET	Linear
5962-87739012A	1	LM139AE-SMD	VOLT. COMPARATOR, QUAD	National
5962-8773901CA	1	LM139AJ/883	VOLT. COMPARATOR, QUAD	National
5962-8773901DA	1	LM139AW-SMD	VOLT. COMPARATOR, QUAD	National
5962-8773901DA	1 (1)	LM139AWB	VOLT. COMPARATOR, QUAD	T. I.
5962-8774001EA	1	1543J	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	Linfinity
5962-8774002VA	1	1544J	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	Linfinity
5962-8774101XA	1	LT1033MK	VOLT. REGULATOR, ADJ., NEGATIVE, 3.0A	Linear
5962-8774301MEA	1	12511/BEAJC	PRESCALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR	Motorola
5962-8774801MEA	1	12509/BEAJC	PRESCALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR	Motorola
5962-8774901MEA	1	12513/BEAJC	PRESCALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR, WITH DIVIDE BY 10 AND 11	Motorola
5962-87750012A	1	10612M/B2AJC	OR/NOR GATE, DUAL 3-INPUT	Motorola
5962-8775001EA	1	10612/BEAJC	OR/NOR GATE, DUAL 3-INPUT	Motorola
5962-8775001FA	1	10612/BFAJC	OR/NOR GATE, DUAL 3-INPUT	Motorola
5962-8775101MEA	1	12514/BEAJC	DIGITAL COUNTER CONTROL LOGIC	Motorola
5962-8775201CA	1	12540/BCAJC	PHASE/FREQUENCY DETECTOR	Motorola
5962-8775401EA	1	CD54HC4053F3A	ANALOG MULTIPLEXER/DEMULTIPLEXER	Harris
5962-87756012A	3	54AC273LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
5962-8775601RA	3	54AC273DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
5962-8775601SA	3	54AC273FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
5962-87757012A	3	54ACT174/LMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
5962-8775701EA	3	54ACT174/DMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
5962-8775701FA	3	54ACT174/FMQB	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
5962-87758012A	3	54AC245LMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
5962-8775801RA	3	54AC245DMQB	BUS TRANSCEIVER, 8 BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
5962-8775801SA	3	54AC245FMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
5962-8775901B2A	3 (10)	JM54ACT240B2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901BRA	3 (10)	JM54ACT240BRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901BSA	3 (10)	JM54ACT240BSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901M2A	3	54ACT240LMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901MRA	3	54ACT240DMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901MSA	3	54ACT240FMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901S2A	3 (10)	JM54ACT240S2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901SRA	3 (10)	JM54ACT240SRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8775901SSA	3 (10)	JM54ACT240SSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-87759023A	1 (.5)	SNJ54ACT11240FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
5962-8775902LA	1 (.5)	SNJ54ACT11240JT	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
5962-8776001B2A	3 (5.75)	JM54ACT244B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8776001BRA	3 (5.75)	JM54ACT244BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8776001BSA	3 (5.75)	JM54ACT244BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8776001M2A	3	54ACT244LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8776001MRA	3	54ACT244DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8776001MSA	3	54ACT244FMQB	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962-8776001S2A	3 (5.75)	JM54ACT244S2A	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962-8776001SRA	3 (5.75)	JM54ACT244SRA	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962-8776001SSA	3 (5.75)	JM54ACT244SSA	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962-87760023A	1 (1)	SNJ54ACT11244FK	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	T.I.
5962-8776002M3A	1 (1)	SNJ54ACT11244FK	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	T.I.
5962-8776002M3X	1 (1)	SNJ54ACT11244FK	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	T.I.
5962-87761012A	3	54ACT253LMQB	TTL-COMPATIBLE INPUTS DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS,	National
5962-8776101EA	3	54ACT253DMQB	TTL-COMPATIBLE INPUTS DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS,	National
5962-8776101FA	3	54ACT253FMQB	TTL-COMPATIBLE INPUTS DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS,	National
5962-87769012A	2 (2)	SNJ55121FK	TTL-COMPATIBLE INPUTS LINE DRIVER, DUAL	T.I.
5962-8776901EA	2 (2)	SNJ55121J	TTL-COMPATIBLE INPUTS LINE DRIVER, DUAL	T.I.
5962-8777001CA	1	1532J	VOLT. REGULATOR	Linfinity
5962-8777001IA	1	1532T	VOLT. REGULATOR	Linfinity
5962-87773012A	1	10598M/B2AJC	MULTIVIBRATOR, MONOSTABLE	Motorola
5962-8777301EA	1	10598/BEAJC	MULTIVIBRATOR, MONOSTABLE	Motorola
5962-8777301FA	1	10598/BFAJC	MULTIVIBRATOR, MONOSTABLE	Motorola
5962-8777401YA	3	LM109KSTEEL/883	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
5962-8777501YA	3	LM123K	VOLT. REGULATOR, FIXED, POSITIVE, 5V	Linear
5962-87776012A	1	7812AL	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
5962-8777601UA	1	7812AIG	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
5962-8777601YA	1	7812AT	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
5962-8777601YA	1	7812AK	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
5962-8777601ZA	1	7812AR	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
5962-87776022A	1 (0)	UA78M12	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
5962-8777602PA	1 (0)	UA78M12	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
5962-8777701XA	2	LM194H/883	TRANSISTOR ARRAY, MATCHED PAIR	National
5962-8777801XA	3	LM195H/883	TRANSISTOR ARRAY, POWER	National
5962-8777801YA	3	LM195K/883	TRANSISTOR ARRAY, POWER	National
5962-87782012A	1	7805AL	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
5962-8778201UA	1	7805AIG	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
5962-8778201XA	1	7805AT	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
5962-8778201YA	1	7805AK	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
5962-8778201ZA	1	7805AR	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
5962-87782022A	0 (0)	UA78M05	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
5962-8778202PA	0 (0)	UA78M05	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
5962-87783012A	1	HA4-2400/883	OP AMP, 4-CHANNEL PROGRAMMABLE	Harris
5962-8778301EA	0	HA1-2400/883	OP AMP, 4-CHANNEL PROGRAMMABLE	Harris
5962-87784012A	1	HA4-5190/883	OP AMP, WIDEBAND, FAST SETTLING	Harris
5962-8778401CA	1	HA1-5190/883	OP AMP, WIDEBAND, FAST SETTLING	Harris
5962-8778401XC	1	HA2-5190/883	OP AMP, WIDEBAND, FAST SETTLING	Harris
5962-8778501XA	1	HA2-2541/883	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
5962-8778501XC	1 (.5)	HA2-2541/883	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
5962-8778503CA	1	HA1-2841/883	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
5962-8778503PA	1	HA7-2841/883	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
5962-87787012A	1	HA4-2539/883	OP AMP, WIDEBAND, HIGH SLEW RATE	Harris
5962-8778701CA	1	HA1-2539/883	OP AMP, WIDEBAND, HIGH SLEW RATE	Harris
5962-87792012A	1	10558M/B2AJC	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-8779201EA	1	10558/BEAJC	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-8779201FA	1	10558/BFAJC	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
5962-87793012A	1	10586M/B2AJC	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
5962-8779301EA	1	10586/BEAJC	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
5962-8779301FA	1	10586/BFAJC	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
5962-8780301CA	1	4344/BCAJC	PHASE/FREQUENCY DETECTOR	Motorola
5962-8780301DA	1	4344/BD AJC	PHASE/FREQUENCY DETECTOR	Motorola
5962-8780601EA	1	CD54HC221F2A	MULTIVIBRATOR, DUAL MONOSTABLE NON-RETRIGGERABLE, WITH RESET	Harris
5962-8780601RA	1	CD54HC299F3A	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	Harris
5962-87807012A	1 (1)	SNJ54HC377FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	T.I.
5962-8780701RA	1	CD54HC377F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	Harris
5962-8780701XA	1 (1)	SNJ54HC377J	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8780801EA	1	CD54HC192F3A	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	Harris
5962-87809012A	3 (4)	SNJ54HC640FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8780901RA	1	CD54HC640F3A	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
5962-8780901RA	3 (4)	SNJ54HC640J	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-88502012A	1	HA4-5104/883	OP AMP, QUAD, LOW-NOISE	Harris
5962-8850201CA	1	HA1-5104/883	OP AMP, QUAD, LOW-NOISE	Harris
5962-88511012A	1 (.5)	SNJ55116FK	LINE TRANSCEIVER, DIFFERENTIAL, WITH 3-STATE RECEIVER OUTPUT CIRCUITRY	T.I.
5962-8851101EA	1 (.5)	SNJ55116J	LINE TRANSCEIVER, DIFFERENTIAL, WITH 3-STATE RECEIVER OUTPUT CIRCUITRY	T.I.
5962-88520012A	3	54AC74LMQB	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-8852001CA	3	54AC74DMQB	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-8852001DA	3	54AC74FMQB	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-88527012A	1	10564M/B2AJC	MULTIPLEXER, 8-INPUT	Motorola
5962-8852701EA	1	10564/BEAJC	MULTIPLEXER, 8-INPUT	Motorola
5962-8852701FA	1	10564/BFAJC	MULTIPLEXER, 8-INPUT	Motorola
5962-88534012A	3	54ACT109LMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
5962-8853401EA	3	54ACT109DMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
5962-8853401FA	3	54ACT109FMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
5962-88534022A	1 (1)	SNJ54ACT11109FK	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-8853402EA	1 (1)	SNJ54ACT11109J	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-88537012A	1 (0)	OP-37AFK	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-8853701GA	1	OP37AH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8853701PA	1	OP37AJG	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8853701PA	1 (0)	OP-37AJG	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-88537032A	1 (0)	OP-37CFK	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-8853703GA	1	OP37CH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8853703PA	1 (0)	OP-37CJG	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-8853703PA	1	OP37CJ8	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-88540012A	2 (2)	SNJ54ALS05AFK	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8854001CA	2 (2)	SNJ54ALS05AJ	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8854001D A	2	SNJ54ALS05AW	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-88543012A	3	54FCT521LMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8854301RA	3	54FCT521DMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8854301SA	3	54FCT521FMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-88550012A	3	54F273/LMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
5962-8855001RA	3	54F273/DMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
5962-8855001SA	3	54F273/FMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
5962-88553012A	1	7815AL	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
5962-8855301UA	1	7815AIG	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
5962-8855301XA	1	7815AT	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
5962-8855301YA	1	7815AK	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
5962-8855301ZA	1	7815AR	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
5962-8855401XA	1	7824AT	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
5962-8855401YA	1	7824AT (TO-39)	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
5962-8855401YA	1	7824AK	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
5962-8855401ZA	1	7824AR	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
5962-88555012A	1	54F378M/B2AJC	REGISTER, D-TYPE, HEX PARALLEL	Motorola
5962-88555012A	3	54F378LMQB	REGISTER, D-TYPE, HEX PARALLEL	National
5962-8855501EA	1	54F378/BEAJC	REGISTER, D-TYPE, HEX PARALLEL	Motorola
5962-8855501EA	3	54F378DMQB	REGISTER, D-TYPE, HEX PARALLEL	National
5962-8855501FA	1	54F378/BFAJC	REGISTER, D-TYPE, HEX PARALLEL	Motorola
5962-8855501FA	3	54F378FMQB	REGISTER, D-TYPE, HEX PARALLEL	National
5962-8855601EA	1	CD54HC4052F3A	ANALOG MULTIPLEXER/DEMULTIPLEXER, DOUBLE-POLE, FOUR-POSITION	Harris
5962-88557012A	1	10541M/B2AJC	SHIFT REGISTER, UNIVERSAL	Motorola
5962-8855701EA	1	10541/BEAJC	SHIFT REGISTER, UNIVERSAL	Motorola
5962-8855701FA	1	10541/BFAJC	SHIFT REGISTER, UNIVERSAL	Motorola
5962-8856001EA	1	10545/BEAJC	STATIC RAM, 16 X 4, 15 NS ACCESS TIME	Motorola
5962-8856001FA	1	10545/BFAJC	STATIC RAM, 16 X 4, 15 NS ACCESS TIME	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8856101XA	2	LM199AH/883	VOLT. REFERENCE, PRECISION	National
5962-8856101XA	2	LM199AH	VOLT. REFERENCE, PRECISION	Linear
5962-8856102XA	2	LM199H/883	VOLT. REFERENCE, PRECISION	National
5962-8856102XA	2	LM199H	VOLT. REFERENCE, PRECISION	Linear
5962-8856103XA	2	LM199AH-20/883	VOLT. REFERENCE, PRECISION	National
5962-8856201XA	3	LT1010MH	POWER BUFFER, FAST, ±150 MA	Linear
5962-8856201YA	3	LT1010MK	POWER BUFFER, FAST, ±150 MA	Linear
5962-88567012A	3(4)	LT1037AMFK	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-8856701QA	1	LT1037AMH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8856701PA	3(4)	LT1037AMJG	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-8856701PA	1	LT1037AMJ8	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8857101CA	2	1596/BCAJC	MODULATOR/DEMULATOR, BALANCED	Motorola
5962-8857101IA	2	1596/BIAJC	MODULATOR/DEMULATOR, BALANCED	Motorola
5962-8857601CA	1	CD54HC21F3A	AND GATE, DUAL 4-INPUT	Harris
5962-88577012A	1	10521M/B2AJC	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
5962-8857701EA	1	10521/BEAJC	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
5962-8857701FA	1	10521/BFAJC	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
5962-88578012A	2(2)	SNJ54ALS688FK	IDENTITY COMPARATOR, 8-BIT	T.I.
5962-8857801RA	2(2)	SNJ54ALS688J	IDENTITY COMPARATOR, 8-BIT	T.I.
5962-8857801SA	2(2)	SNJ54ALS688W	IDENTITY COMPARATOR, 8-BIT	T.I.
5962-8858901DA	1(?)	SNJ54ALS20AW	NAND GATE, DUAL 4-INPUT	T.I.
5962-8859001FA	2(2)	SNJ54ALS133W	NAND GATE, 13-INPUT	T.I.
5962-8859101SA	2(2)	SNJ54ALS240AW	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8859601SA	2(2)	54ALS241A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8859701XA	3	LT1004MH-1.2	VOLT. REFERENCE DIODE	Linear
5962-8859702XA	3	LT1004MH-2.5	VOLT. REFERENCE DIODE	Linear
5962-8860001GA	1	LT1021BMH-10	VOLT. REFERENCE, 10V	Linear
5962-8860002GA	1	LT1021CMH-10	VOLT. REFERENCE, 10V	Linear
5962-8860003GA	1	LT1021DMH-10	VOLT. REFERENCE, 10V	Linear
5962-88602013A	3(4)	SNJ54LS673FK	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
5962-8860201JA	3(4)	SNJ54LS673J	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
5962-8860201KA	3(4)	SNJ54LS673W	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
5962-8860201LA	3(4)	SNJ54LS673JT	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
5962-88606012A	1(.5)	SNJ54HC237FK	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	T.I.
5962-8860601EA	1	CD54HC237F3A	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	Harris
5962-8860601EA	1(.5)	SNJ54HC237J	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	T.I.
5962-88607013A	1(1)	SNJ54LS674FK	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
5962-8860701JA	1(1)	SNJ54LS674J	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
5962-8860701KA	1(1)	SNJ54LS674W	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
5962-8860701LA	1(1)	SNJ54LS674JT	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
5962-88620012A	1(.5)	SNJ54HC09FK	AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-8862001CA	1(.5)	SNJ54HC09J	AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-88621012A	2(2)	SNJ54ALS86FK	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
5962-8862101CA	2(2)	SNJ54ALS86J	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
5962-8862101DA	2(2)	SNJ54ALS86W	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
5962-8862201GA	2	LT1028MH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8862201PA	2	LT1028MJ8	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8862202GA	2	LT1028AMH	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8862202PA	2	LT1028AMJ8	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
5962-8862401JA	1	CD54HCT4059F3A	COUNTER, PROGRAMMABLE DIVIDE-BY-N, WITH TTL-COMPATIBLE INPUTS	Harris
5962-88625012A	3(4)	SNJ54ALS158FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-8862501EA	3(4)	SNJ54ALS158J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-8862501FA	3(4)	SNJ54ALS158W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
5962-88626012A	2(2)	SNJ54ALS258FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-8862601EA	2(2)	SNJ54ALS258J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-8862601FA	2(2)	SNJ54ALS258W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-8862801XA	1	UT1553BBCRTG	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8862801XC	1	UT1553BBCRTG	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8862801YA	1	UT1553BBCRTW	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8862801YC	1	UT1553BBCRTW	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8862801ZA	1	UT1553BBCRTA	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8862801ZC	1	UT1553BBCRTA	BUS CONTROLLER, REMOTE TERMINAL	UTMC
5962-8863101GA	1	DS1631H/883	PERIPHERAL DRIVER, DUAL AND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-8863101PA	1	DS1631J-8/883	PERIPHERAL DRIVER, DUAL AND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-88639012A	2	54FCT573LMQB	LATCH, 8-BIT, TRANSPARENT, WITH 3 STATE OUTPUTS,	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8863901RA	2	54FCT573DMQB	TTL-COMPATIBLE INPUTS LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	National
5962-8863901SA	2	54FCT573FMQB	TTL-COMPATIBLE INPUTS LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS.	National
5962-8864101RA	1	LTC1060AMJ	FILTER, UNIVERSAL DUAL	Linear
5962-8864102RA	1	LTC1060MJ	FILTER, UNIVERSAL DUAL	Linear
5962-8864401UA	2	UT63M105PB	BUS TRANSCEIVER	UTMC
5962-8864401UC	2	UT63M105PD	BUS TRANSCEIVER	UTMC
5962-8864402UA	2	UT63M107PB	BUS TRANSCEIVER	UTMC
5962-8864402UC	2	UT63M107PD	BUS TRANSCEIVER	UTMC
5962-8864403UA	2	UT63M115PB	BUS TRANSCEIVER	UTMC
5962-8864403UC	2	UT63M115PD	BUS TRANSCEIVER	UTMC
5962-8864404UA	2	UT63M117PB	BUS TRANSCEIVER	UTMC
5962-8864404UC	2	UT63M117PD	BUS TRANSCEIVER	UTMC
5962-8864405XA	2	UT63M125BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864405XC	2	UT63M125BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864405YA	2	UT63M125DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864405YC	2	UT63M125DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864405ZA	2	UT63M125CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864405ZC	2	UT63M125CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406XA	2	UT63M127BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406XC	2	UT63M127BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406YA	2	UT63M127DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406YC	2	UT63M127DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406ZA	2	UT63M127CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864406ZC	2	UT63M127CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407XA	2	UT63M135BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407XC	2	UT63M135BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407YA	2	UT63M135DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407YC	2	UT63M135DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407ZA	2	UT63M135CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864407ZC	2	UT63M135CB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864408XA	2	UT63M137BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864408XC	2	UT63M137BB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864408YA	2	UT63M137DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864408YC	2	UT63M137DB	BUS TRANSCEIVER, DUAL	UTMC
5962-8864501XA	1	UT1553RTMPG	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
5962-8864501XC	1	UT1553RTMPG	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
5962-8864501YA	2	UT1553RTMPW	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
5962-8864501YC	1	UT1553RTMPW	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
5962-8864601XA	2	LT108SMK	VOLT. REGULATOR, ADJ., POSITIVE, 2.0A	Linear
5962-8864701GA	1	LT1021BMH-7	VOLT. REFERENCE, 7.0V	Linear
5962-8864702GA	1	LT1021DMH-7	VOLT. REFERENCE, 7.0V	Linear
5962-88648012A	2(2)	SNJ55ALS194FK	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-8864801EA	2(2)	SNJ55ALS194J	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-8864801F A	2	SNJ55ALS194W	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-88649012A	1(.5)	SNJ55ALS195FK	LINE RECEIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-8864901EA	1(.5)	SNJ55ALS195J	LINE RECEIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-88651012A	1	54FCT533LMQB	LATCH, 8-BIT, TRANSPARENT	National
5962-8865101RA	1	54FCT533DMQB	LATCH, 8-BIT, TRANSPARENT	National
5962-8865101SA	1	54FCT533FMQB	LATCH, 8-BIT, TRANSPARENT	National
5962-8866201XA	1(0)	6206C-100/BXAJC	STATIC RAM, 32K X 8, 100 NS ACCESS TIME	Motorola
5962-8866202XA	1(0)	6206C-70/BXAJC	STATIC RAM, 32K X 8, 70 NS ACCESS TIME	Motorola
5962-8866203MX	3	CY7C199-55KMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
5962-8866203NX	3	CY7C199-55DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
5962-8866203UX	3	CY7C199-55LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
5962-8866203XA	1(0)	6206C-55/BXAJC	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Motorola
5962-8866203XX	3	CY7C198-55DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
5962-8866203YX	3	CY7C198-55LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
5962-8866204MX	3	CY7C199-45KMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8866204NX	3	CY7C199-45DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8866204UX	3	CY7C199-45LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8866204XX	3	CY7C198-45DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8866204YX	3	CY7C198-45LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8866205MX	3	CY7C199-35KMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8866205NX	3	CY7C199-35DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8866205UX	3	CY7C199-35LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8866205XX	3	CY7C198-35DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8866205YX	3	CY7C198-35LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8866206MX	3	CY7C199-25KMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
5962-8866206NX	3	CY7C199-25DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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5962-8866206UX	3	CY7C199-25LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
5962-8866206XX	3	CY7C198-25DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
5962-8866206YX	3	CY7C198-25LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
5962-8866207NX	3	CY7C199-20DMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
5962-8866207UX	3	CY7C199-20LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
5962-8866207YX	3	CY7C198-20LMB	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
5962-8866208NX	3	CY7C199-15DMB	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
5962-8866208UX	3	CY7C199-15LMB	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
5962-8866208YX	3	CY7C198 15LMB	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
5962-8866401EA	1	3081J	TRANSISTOR ARRAY, HIGH-CURRENT NPN	Linfinity
5962-88668012A	2(2)	SNJ54ALS534FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8866801RA	2(2)	SNJ54ALS534J	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8866801SA	2(2)	SNJ54ALS534W	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-88670013X	1	PALC22V10-25LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
5962-8867001KX	1	PALC22V10-25KMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
5962-8867001LX	1	PALC22V10-25DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
5962-88670023X	1	PALC22V10-30LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
5962-8867002KX	1	PALC22V10-30KMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
5962-8867002LX	1	PALC22V10-30DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
5962-88670033X	1	PALC22V10-40LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME	Cypress
5962-8867003LX	1	PALC22V10-40DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME	Cypress
5962-88670043X	2	PALC22V10B-20LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
5962-8867004KX	2	PALC22V10B-20KMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
5962-8867004LX	2	PALC22V10B-20DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
5962-88670053X	2	PALC22V10B-15LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
5962-8867005KX	2	PALC22V10B-15KMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
5962-8867005LX	2	PALC22V10B-15DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
5962-8867101EA	1	CD54HCT191F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE, TTL-COMPATIBLE INPUTS	Harris
5962-8867201EA	1	CD54HCT85F3A	MAGNITUDE COMPARATOR, 4-BIT	Harris
5962-88673013A	2(2)	SNJ54ALS652FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8867301KA	2(2)	SNJ54ALS652W	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8867301LA	2(2)	SNJ54ALS652JT	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8868101LX	2	CY7C194-35DMB	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
5962-8868101XX	2	CY7C194-35LMB	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
5962-8868102LX	2	CY7C194-45DMB	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
5962-8868102XX	2	CY7C194-45LMB	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
5962-88682012A	3(4)	SNJ54HC253FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-8868201EA	3(4)	SNJ54HC253J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
5962-88685012A	3(4)	TL7705AMFKB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868501PA	3(4)	TL7705AMJGB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-88685022A	3(4)	TL7702AMFKB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868502PA	3(4)	TL7702AMJGB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-88685032A	3(4)	TL7705BMFKB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868503HA	3(4)	TL7705BMUB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868503PA	3(4)	TL7705BMJGB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-88685042A	3(4)	TL7702BMFKB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868504HA	3	TL7702BMUB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868504PA	3(4)	TL7702BMJGB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-88685052A	3(4)	TL7705BMFKB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868505HA	3(4)	TL7705BMUB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-8868505PA	3(4)	TL7705BMJGB	SUPPLY VOLTAGE SUPERVISOR	T.I.
5962-88690012A	1	HM4-6642/883	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
5962-8869001JA	1	HM1-6642/883	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
5962-8869001LA	1	HM6-6642/883	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
5962-88690023A	1	HM4-6642B/883	PROM, 512 X 8, 140 NS ACCESS TIME	Harris
5962-8869002JA	1	HM1-6642B/883	PROM, 512 X 8, 140 NS ACCESS TIME	Harris
5962-8869002LA	1	HM6-6642B/883	PROM, 512 X 8, 140 NS ACCESS TIME	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-88691012A	2 (2)	SNJ54ALS520FK	IDENTITY COMPARATOR, 8-BIT	T.I.
5962-8869101RA	2 (2)	SNJ54ALS520J	IDENTITY COMPARATOR, 8-BIT	T.I.
5962-88693012A	2 (2)	SNJ54ALS804AFK	BUFFER/DRIVER, NAND, HEX 2-INPUT	T.I.
5962-8869301RA	2 (2)	SNJ54ALS804AJ	BUFFER/DRIVER, NAND, HEX 2-INPUT	T.I.
5962-8869301SA	2 (2)	SNJ54ALS804AW	BUFFER/DRIVER, NAND, HEX 2-INPUT	T.I.
5962-88694012A	1 (1)	SNJ54ALS805AFK	BUFFER/DRIVER, NOR, HEX 2-INPUT	T.I.
5962-8869401RA	1 (1)	SNJ54ALS805AJ	BUFFER/DRIVER, NOR, HEX 2-INPUT	T.I.
5962-8869401SA	1 (1)	SNJ54ALS805AW	BUFFER/DRIVER, NOR, HEX 2-INPUT	T.I.
5962-88699012A	1 (1)	SNJ54ALS193FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-8869901EA	1 (1)	SNJ54ALS193J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5962-88699013A	1	HI4-516/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL/8-CHANNEL DIFFERENTIAL	Harris
5962-8869901XA	1	HI1-516/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL/8-CHANNEL DIFFERENTIAL	Harris
5962-88700012A	2 (2)	SNJ54ALS563AFK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-8870001RA	2 (2)	SNJ54ALS563AJ	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-8870001SA	2 (2)	SNJ54ALS563AW	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
5962-88702012A	3	54AC377LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
5962-8870201RA	3	54AC377DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
5962-8870201SA	3	54AC377FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
5962-88703012A	2	54AC257LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-8870301EA	2	54AC257DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-8870301FA	2	54AC257FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-88704012A	3	54ACT258LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-8870401EA	3	54ACT258DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-8870401FA	3	54ACT258FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
5962-88705013A	3	54ACT821LMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8870501KA	3	54ACT821FMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8870501LA	3	54ACT821SDMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-88706012A	3	54AC541LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8870601RA	3	54AC541DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-8870601SA	3	54AC541FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-88708012A	2 (2)	SNJ54F30FK	NAND GATE, 8-INPUT	T.I.
5962-8870801CA	2 (2)	SNJ54F30J	NAND GATE, 8-INPUT	T.I.
5962-8870801DA	2 (2)	SNJ54F30W	NAND GATE, 8-INPUT	T.I.
5962-88715012A	1	55454BL	PERIPHERAL DRIVER, DUAL NOR	Linfinity
5962-88715022A	2	55464L	PERIPHERAL DRIVER, DUAL NOR	Linfinity
5962-8871502PA	2	55464Y	PERIPHERAL DRIVER, DUAL NOR	Linfinity
5962-88715032A	2	55474L	PERIPHERAL DRIVER, DUAL NOR	Linfinity
5962-8871503FA	2	55474Y	PERIPHERAL DRIVER, DUAL NOR	Linfinity
5962-8871601CA	3	1626J	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
5962-8871601GA	3	1626T	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
5962-8871601PA	3	1626Y	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
5962-8871601XA	3	1626R	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
5962-88718012A	1 (1)	SNJ54HC05FK	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-8871801CA	1 (1)	SNJ54HC05J	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	T.I.
5962-8872501LX	2	CY7C197-35DMB	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	Cypress
5962-8872501XX	2	CY7C197-35LMB	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	Cypress
5962-8872502LX	2	CY7C197-45DMB	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	Cypress
5962-8872502XX	2	CY7C197-45LMB	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	Cypress
5962-8872505LX	2	CY7C197-25DMB	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	Cypress
5962-8872505XX	2	CY7C197-25LMB	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	Cypress
5962-88727012A	3 (4)	SNJ54ALS640BPK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8872701RA	3 (4)	SNJ54ALS640BJ	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-8872701SA	3 (4)	SNJ54ALS640BW	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-88728012A	2 (2)	SNJ54ALS564AFK	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-8872801RA	2 (2)	SNJ54ALS564AJ	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-8872801SA	2 (2)	SNJ54ALS564AW	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-88734033X	2	CY7C291A-35LMB	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
5962-8873403JX	2	CY7C292A-35DMB	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
5962-8873403KX	2	CY7C291A-35LMB	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
5962-8873403LX	2	CY7C291A-35DMB	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
5962-88734043X	2	CY7C291A-25LMB	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
5962-8873404KX	2	CY7C291A-25KMB	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
5962-8873404LX	2	CY7C291A-25DMB	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
5962-88735013X	1	CY7C245 45LMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
5962-8873501KX	1	CY7C245-45KMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress
5962-8873501LX	1	CY7C245-45DMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress
5962-88735023X	1	CY7C245-35LMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
5962-8873502KX	1	CY7C245-35KMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
5962-8873502LX	1	CY7C245-35DMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
5962-88735033X	2	CY7C245A-35LMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
5962-8873503LX	2	CY7C245A-35DMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
5962-88735043X	2	CY7C245A-25LMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	Cypress
5962-8873504LX	2	CY7C245A-25DMB	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	Cypress
5962-88737012A	2 (2)	SNJ54ALS1245AFK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-8873701RA	2 (2)	SNJ54ALS1245AJ	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-88738012A	2 (2)	SNJ54ALS1244AFK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8873801RA	2 (2)	SNJ54ALS1244AJ	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-88741012A	2 (2)	SNJ54ALS259FK	LATCH, 8-DIT ADDRESSABLE	T.I.
5962-8874101EA	2 (2)	SNJ54ALS259J	LATCH, 8-BIT ADDRESSABLE	T.I.
5962-8874101FA	2 (2)	SNJ54ALS259W	LATCH, 8-BIT ADDRESSABLE	T.I.
5962-88742012A	2 (2)	SNJ54ALS1035FK	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8874201CA	2 (2)	SNJ54ALS1035J	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-8874201DA	2 (2)	SNJ54ALS1035W	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-88744012A	3 (4)	SNJ55113FK	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-8874401FA	3 (4.0)	SNJ55113W	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-88744022A	2 (2)	SNJ55114FK	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-8874402FA	2 (2.0)	SNJ55114W	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
5962-88745012A	1 (1)	SNJ55115FK	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
5962-88746012A	3	7905AL	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
5962-8874601UA	3	7905AIG	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
5962-8874601XA	3	7905AT	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
5962-8874601YA	3	7905AK	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
5962-8874601ZA	3	7905AR	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
5962-8874701UA	3	7912ATG	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
5962-8874701XA	3	7912AT	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
5962-8874701YA	3	7912AK	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
5962-8874701ZA	3	7912AR	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
5962-88748012A	3	7915AL	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
5962-8874801UA	3	7915AIC	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
5962-8874801XA	3	7915AT	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
5962-8874801YA	3	7915AK	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
5962-8874801ZA	3	7915AR	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
5962-8875001EA	1	IHS352MJE/883B	ANALOG SWITCH, SPST, 4-CHANNEL, RF/VIDEO	Harris
5962-8875101VA	1	LT1039MJ	DRIVER/RECEIVER, TRIPLE RS-232, WITH SHUTDOWN AND DIAS	Linear
5962-8875102EA	1	LT1039MJ16	DRIVER/RECEIVER, TRIPLE RS-232	Linear
5962-88752012A	3	54F14LMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-88752012A	1	54F14M/B2AJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
5962-8875201CA	3	54F14DMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-8875201CA	1	54F14/BCAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
5962-8875201DA	3	54F14FMQB	HEX INVERTER, SCHMITT TRIGGER	National
5962-8875201DA	1	54F14/BDAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
5962-88754012A	3	54AC299LMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
5962-8875401RA	3	54AC299DMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
5962-8875401SA	3	54AC299FMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
5962-88755012A	3	54ACT158LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8875501EA	3	54ACT158DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8875501FA	3	54ACT158FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8875601B2A	3 (8.5)	JMS4ACT151B2A	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601BEA	3 (8.5)	JMS4ACT151BEA	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601BFA	3 (8.5)	JMS4ACT151BFA	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601M2A	3	54ACT151LMQB	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601MEA	3	54ACT151DMQB	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601MFA	3	54ACT151FMQB	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601S2A	3 (8.5)	JMS4ACT151S2A	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601SEA	3 (8.5)	JMS4ACT151SEA	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875601SFA	3 (8.5)	JMS4ACT151SFA	DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
5962-8875701EA	1	CD54HCT4046AF3A	PHASE-LOCKED LOOP WITH VOLTAGE-CONTROLLED OSCILLATOR	Harris
5962-8875901EA	1	CD54HCT173F3A	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
5962-88760012A	1 (1)	LT1013AMPKB	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8876001GA	1	LT1013AMH	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
5962-8876001PA	1	LT1013AMJ8	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
5962-8876001PA	1(1)	LT1013AMJGB	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T.I.
5962-88760022A	1(1)	LT1013MFKB	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T.I.
5962-8876002GA	1	LT1013MH	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
5962-8876002PA	1	LT1013MJ8	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
5962-8876002PA	1(1)	LT1013MJGB	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T.I.
5962-8876101EA	1	UA78S40DMQB	VOLT. REGULATOR, SWITCHING SUBSYSTEM	National
5962-8876201CA	1	LT1021BMH-5	VOLT. REFERENCE, 5.0V, PRECISION	Linear
5962-8876202GA	1	LT1021CMH-5	VOLT. REFERENCE, 5.0V, PRECISION	Linear
5962-8876203GA	1	LT1021DMH-5	VOLT. REFERENCE, 5.0V, PRECISION	Linear
5962-88771012A	3	54ACT299LMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
5962-8877101RA	3	54ACT299DMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
5962-8877101SA	3	54ACT299FMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
5962-8877201CA	1	ICL8038AMJD/883B	WAVEFORM GENERATOR/VOLTAGE-CONTROLLED OSCILLATOR, PRECISION	Harris
5962-8943601MRA	1	CD54HCT299F3A	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	Harris
5962-89438013A	1	54F821LMQB	SHIFT REGISTER, 10-BIT, NONINVERTING	National
5962-8943801KA	1	54F821FMQB	SHIFT REGISTER, 10-BIT, NONINVERTING	National
5962-8943801LA	1	54F821SDMQB	SHIFT REGISTER, 10-BIT, NONINVERTING	National
5962-8944501JA	1	CD54HC4059F3A	COUNTER, PROGRAMMABLE DIVIDE-BY-N	Harris
5962-8945801EA	1	CD54HCT4020F3A	BINARY COUNTER, 14-STAGE RIPPLE, TTL COMPATIBLE INPUTS	Harris
5962-8946201MUA	2	68HC000-8/BZAJC	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
5962-8946201MYA	2	68HC000-8/BXAJC	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
5962-8946201MZC	2	68HC000-8/BYCJC	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
5962-8946202MUA	2	68HC000-10/BZAJC	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
5962-8946202MYA	2	68HC000-10/BXAJC	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
5962-8946202MZC	2	68HC000-10/BYCJC	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
5962-8946203MUA	2	68HC000-12/BZAJC	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
5962-8946203MYA	2	68HC000-12/BXAJC	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
5962-8946203MZC	2	68HC000-12/BYCJC	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
5962-8946204MUA	2	68HC001-8/BZAJC	MICROPROCESSOR, 8/16-BIT, 8 MHZ	Motorola
5962-8946205MUA	2	68HC001-10/BZAJC	MICROPROCESSOR, 8/16-BIT, 10 MHZ	Motorola
5962-8946206MUA	2	68HC001-12/BZAJC	MICROPROCESSOR, 8/16-BIT, 12.5 MHZ	Motorola
5962-8946301XA	1(0)	68882-16/BZAJC	COPROCESSOR, FLOATING-POINT, 16 MHZ	Motorola
5962-8946301YC	1	68882-16/BYCJC	COPROCESSOR, FLOATING-POINT, 16 MHZ	Motorola
5962-8946302XA	1(0)	68882-20/BZAJC	COPROCESSOR, FLOATING-POINT, 20 MHZ	Motorola
5962-8946302YC	1(0)	68882-20/BYCJC	COPROCESSOR, FLOATING-POINT, 20 MHZ	Motorola
5962-8946303XA	1(0)	68882-25/BZAJC	COPROCESSOR, FLOATING-POINT, 25 MHZ	Motorola
5962-8946303YC	1(0)	68882-25/BYCJC	COPROCESSOR, FLOATING-POINT, 25 MHZ	Motorola
5962-8946304XA	1(0)	68882-33/BZAJC	COPROCESSOR, FLOATING-POINT, 33 MHZ	Motorola
5962-8946304YC	1(0)	68882-33/BYCJC	COPROCESSOR, FLOATING-POINT, 33 MHZ	Motorola
5962-8946401XA	2	68030-16/BZAJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946401YC	2	68030-16/BYCJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946402XA	2	68030-20/BZAJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946402YC	2	68030-20/BYCJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946403XA	2	68030-25/BZAJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946403YC	2	68030-25/BYCJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946404XA	2	68030-33/BZAJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8946404YC	2	68030-33/BYCJC	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
5962-8948301LA	2	LTC1064MJ	UNIVERSAL FILTER BUILDING BLOCK, QUAD	Linear
5962-89487012A	3	54F132LMQB	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
5962-8948701CA	3	54F132DMQB	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
5962-8948701DA	3	54F132FMOB	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
5962-89494012A	1(0)	TLC272MFKB	OP AMP, DUAL PRECISION	T.I.
5962-8949401HA	1(0)	TLC272MUB	OP AMP, DUAL PRECISION	T.I.
5962-8949401PA	1(0)	TLC272MJGB	OP AMP, DUAL PRECISION	T.I.
5962-89494022A	1(.5)	TLC277MFKB	OP AMP, DUAL PRECISION	T.I.
5962-8949402HA	1(.5)	TLC277MUB	OP AMP, DUAL PRECISION	T.I.
5962-8949402PA	1(.5)	TLC277MJGB	OP AMP, DUAL PRECISION	T.I.
5962-89494032A	1(0)	TLC27L2MFKB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-8949403HA	1(0)	TLC27L2MUB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-8949403PA	1(0)	TLC27L2MJGB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-89494042A	1(0)	TLC27L7MFKB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-8949404HA	1(0)	TLC27L7MUB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-8949404PA	1(0)	TLC27L7MJGB	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
5962-89494052A	1(0)	TLC27M2MFKB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
5962-8949405HA	1(0)	TLC27M2MUB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
5962-8949405PA	1(0)	TLC27M2MJGB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-89494062A	1(0)	TLC27M7MFKB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
5962-8949406HA	1(0)	TLC27M7MUB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
5962-8949406PA	1(0)	TLC27M7MJGB	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
5962-8950101XA	1	UT1553RCRTMPG	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
5962-8950101XC	1	UT1553BCRTMPG	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
5962-8950101YA	1	UT1553BCRTMPA	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
5962-8950101YC	1	UT1553BCRTMPA	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
5962-89502012A	1	HA4-2544/883	OP AMP, VIDEO	Harris
5962-89502010C	1	HA2-2544/003	OP AMP, VIDEO	Harris
5962-8950201PA	1	HA7-2544/883	OP AMP, VIDEO	Harris
5962-89503012A	1(0)	TLC555MFKB	TIMER, PRECISION	T.I.
5962-8950301PA	1(0)	TLC555MJGB	TIMER, PRECISION	T.I.
5962-89503022A	1(0)	TLC556MFKB	TIMER, DUAL PRECISION	T.I.
5962-8950302CA	1(0)	TLC556MJB	TIMER, DUAL PRECISION	T.I.
5962-8950303GC	0	ICM7555MTV/883B	TIMER, LOW-POWER PRECISION	Harris
5962-8950304CA	0	ICM7556MJD/883B	TIMER, DUAL, LOW-POWER PRECISION	Harris
5962-8950305GA	1	LMC555H/883C	TIMER, PRECISION	National
5962-8950305PA	1	LMC555J/883C	TIMER, PRECISION	National
5962-8950401GA	1	LT1017MH	VOLT. COMPARATOR, DUAL	Linear
5962-8950401PA	1	LT1017MJ8	VOLT. COMPARATOR, DUAL	Linear
5962-8950402GA	1	LT1018MH	VOLT. COMPARATOR, DUAL	Linear
5962-8950402PA	1	LT1018MJ8	VOLT. COMPARATOR, DUAL	Linear
5962-89507012A	1(0)	54HC4066	ANALOG SWITCH, SPST, 4-CHANNEL	T.I.
5962-8950701CA	1(0)	54HC4066	ANALOG SWITCH, SPST, 4-CHANNEL	T.I.
5962-89510012A	2(2)	SNJ54F27FK	NOR GATE, TRIPLE 3-INPUT	T.I.
5962-8951001CA	2(2)	SNJ54F27J	NOR GATE, TRIPLE 3-INPUT	T.I.
5962-8951001DA	2(2)	SNJ54F27W	NOR GATE, TRIPLE 3-INPUT	T.I.
5962-8951101EA	1	LT1525AJ	PULSE WIDTH MODULATOR, REGULATING	Linear
5962-8951101EA	1	1525AJ	PULSE WIDTH MODULATOR, REGULATING	Linfinity
5962-8951102EA	1	LT1527AJ	PULSE WIDTH MODULATOR, REGULATING	Linear
5962-8951102EA	1	1527AJ	PULSE WIDTH MODULATOR, REGULATING	Linfinity
5962-8951201XA	2	56001-20/BZAJC	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
5962-8951201YC	2	56001-20/BVCJC	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
5962-8951202XA	1	56001A-201/BZASC	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
5962-8951202XA	1	56001A-20/BZASC	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
5962-8951202YC	1	56001A-20/BYCSC	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
5962-89513012A	2	54FCT574LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8951301RA	2	54FCT574DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8951301SA	2	54FCT574FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8952001XA	2	LT1083MK	VOLT. REGULATOR, ADJ., POSITIVE	Linear
5962-8952101XA	2	LT1084MK	VOLT. REGULATOR, ADJ., POSITIVE, 5.0A	Linear
5962-8952403XX	2	CY7C195L-45DMB	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
5962-8952404XX	2	CY7C195L-35DMB	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
5962-8952405XX	2	CY7C195L-25DMB	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
5962-8952701XA	1	68HC811E2/BXAJC	MICROCONTROLLER, 8-BIT, EEPROM 2K BYTES, RAM 256 BYTES	Motorola
5962-8952701YC	1	68HC811E2/BYCJC	MICROCONTROLLER, 8-BIT, EEPROM 2K BYTES, RAM 256 BYTES	Motorola
5962-8953401MYA	1	MQ80387	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
5962-8953402MYA	1	MQ80387-20	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
5962-8953402QYX	1	MQ80387Q-20	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
5962-8953403MYA	1	MQ80387-25	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
5962-8953403QYX	1	MQ80387Q-25	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
5962-89535013A	2	54F657LMBQ	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-8953501KA	2	54F657FMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-8953501LA	2	54F657SDMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-89539012A	3	54AC157LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8953901EA	3	54AC157DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8953901FA	3	54AC157FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8954001JA	1	HM1-6617/883	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
5962-8954001LA	1	HM6-6617/883	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
5962-8954001XA	1	HM4-6617/883	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
5962-8954002JA	1	HM1-6617B/883	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
5962-8954002LA	1	HM6-6617B/883	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
5962-8954002XA	1	HM4-6617B/883	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
5962-89547022A	3	54ACTQ08LMQB	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8954702CA	3	54ACTQ08DMQB	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8954702DA	3	54ACTQ08FMQB	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-89548012A	1	HA4-5102/883	OP AMP, DUAL, LOW-NOISE	Harris
5962-8954801GC	1	HA2-5102/883	OP AMP, DUAL, LOW-NOISE	Harris
5962-8954801PA	1	HA7-5102/883	OP AMP, DUAL, LOW-NOISE	Harris

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-89550012A	2	54AC86LMQB	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
5962-8955001CA	2	54AC86DMQB	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
5962-8955001DA	2	54AC86FMQB	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
5962-89551012A	3	54AC109LMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-8955101EA	3	54AC109DMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-8955101FA	3	54AC109FMQB	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
5962-89552012A	3	54AC175LMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
5962-8955201EA	3	54AC175DMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
5962-8955201FA	3	54AC175FMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
5962-89556012A	3	54ACT563LMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8955601RA	3	54ACT563DMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8955601SA	3	54ACT563FMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-89557012A	2	54ACT564LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8955701RA	2	54ACT564DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8955701SA	2	54ACT564FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-89558013A	1	54F652LMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8955801KA	1	54F652FMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8955801LA	1	54F652DMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-89561012A	3	54AC161LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8956101EA	3	54AC161DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8956101FA	3	54AC161FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8956201GA	2	LT1054MH	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	Linear
5962-8956201PA	2	LT1054MJ8	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	Linear
5962-89573012A	3 (4)	54F299	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
5962-8957301RA	3 (4)	54F299	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
5962-8957301SA	3 (4)	54F299	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
5962-89574012A	3 (4)	SNJ54ALS165FK	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
5962-8957401EA	3 (4)	SNJ54ALS165J	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
5962-8957401FA	3 (4)	SNJ54ALS165K	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
5962-8957501XA	1	UT1760ARTSG	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
5962-8957501XC	1	UT1760ARTSG	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
5962-8957501YA	1	UT1760ARTSW	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
5962-8957501YC	1	UT1760ARTSW	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
5962-8957601XA	1	UT1553BRTRG	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957601XC	1	UT1553BRTRB	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957601YA	1	UT1553BRTRW	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957601YC	1	UT1553BRTRW	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957601ZA	1	UT1553BRTRA	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957601ZC	1	UT1553BRTRA	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
5962-8957701XA	1	UT1553BCRTMG	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8957701XC	1	UT1553BCRTMG	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8957701YA	1	UT1553BCRTMW	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8957701YC	1	UT1553BCRTMW	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8957701ZA	1	UT1553BCRTMA	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8957701ZC	1	UT1553BCRTMA	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
5962-8958101GA	1	REF01AH	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	Linear
5962-8958101PA	1	REF01AJ8	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	Linear
5962-89582012A	2	54AC163LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8958201EA	2	54AC163DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8958201FA	2	54AC163FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
5962-8958601GA	2	LM1578H/883	VOLT. REGULATOR, SWITCHING	National
5962-8958602GA	1 (0)	LM1578AH/883	VOLT. REGULATOR, SWITCHING	National
5962-8958701YA	3	LM2940K-5.0/883	VOLT. REGULATOR, FIXED, POSITIVE, LOW DROPOUT, 5V, 1.0A	National
5962-8958801GA	1	LM105H/883	VOLT. REGULATOR, ADJ., POSITIVE	National
5962-8958901CA	1	LM107J-14/883	OP AMP	National
5962-8958901GA	1	LM107H/883	OP AMP	National
5962-8958901PA	1	LM107J/883	OP AMP	National
5962-89590012A	3	54ACT251LMQB	DATA SEL/MULTIPLEXER, 8 INPUT, WITH 3 STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8959901EA	3	54ACT251DMQB	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8959901FA	3	54ACT251FMQB	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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5962-8960101B2A	3 (4)	JM54ACT574B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101BRA	3 (4)	JM54ACT574BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101BSA	3 (4)	JM54ACT574BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101M2A	3	54ACT574LMOB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101MRA	3	54ACT574DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101MSA	3	54ACT574FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101R A	3	54ACT574DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101S2A	3 (4)	JM54ACT574S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101SRA	3 (4)	JM54ACT574SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8960101SSA	3 (4)	JM54ACT574SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-89602012A	2 (2)	SNJ54ALS541FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
5962-8960201RA	2 (2)	SNJ54ALS541J	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
5962-8960201SA	2 (2)	SNJ54ALS541W	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
5962-89603012A	1 (1)	SNJ54HC590AFK	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T. I.
5962-8960301EA	1 (1)	SNJ54HC590AJ	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T. I.
5962-8960301FA	1 (1)	SNJ54HC590AW	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T. I.
5962-8960901EA	1	CD54HC4046AF3A	PHASE-LOCKED LOOP, WITH VOLTAGE-CONTROLLED OSCILLATOR	Harris
5962-8961001XA	1	LT1009MH	VOLT. REFERENCE DIODE, 2.5V	Linear
5962-89615012A	1	DS16F95E/883	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
5962-8961501HA	1	DS16F95W/883	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
5962-8961501PA	1	DS16F95J/883	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
5962-89620012A	1	HA4-5020/883	CURRENT FEEDBACK AMPLIFIER	Harris
5962-8962001PA	1	HA7-5020/883	CURRENT FEEDBACK AMPLIFIER	Harris
5962-89621012A	1	LM6161E/883	OP AMP, HIGH-SPEED	National
5962-8962101HA	1	LM6161W/883	OP AMP, HIGH-SPEED	National
5962-8962101PA	1	LM6161J/883	OP AMP, HIGH-SPEED	National
5962-8962201GA	1	LT1022AMH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-8962202GA	1	LT1022MH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-89624012A	1	LM6164E/883	OP AMP, HIGH-SPEED	National
5962-8962401HA	1	LM6164W/883	OP AMP, HIGH-SPEED	National
5962-8962401PA	1	LM6164J/83	OP AMP, HIGH-SPEED	National
5962-89625012A	1	LM6165E/883	OP AMP, HIGH-SPEED	National
5962-8962501HA	1	LM6165W/883	OP AMP, HIGH-SPEED	National
5962-8962501PA	1	LM6165J/883	OP AMP, HIGH-SPEED	National
5962-8962601XA	1	7806AT	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
5962-8962601YA	1	7806AK	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
5962-8962601ZA	1	7806AR	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
5962-89627012A	1	HA4-5127/883	OP AMP, 7.0 V/ μ S	Harris
5962-8962701GC	1	HA2-5127/883	OP AMP, 7.0 V/ μ S	Harris
5962-8962701PA	1	HA7-5127/883	OP AMP, 7.0 V/ μ S	Harris
5962-89627022A	1	HA4-5137/883	OP AMP, 14 V/ μ S	Harris
5962-8962702GC	1	HA2-5137/883	OP AMP, 14 V/ μ S	Harris
5962-8962702PA	1	HA7-5137/883	OP AMP, 14 V/ μ S	Harris
5962-89627032A	1	HA4-5147/883	OP AMP, 28 V/ μ S	Harris
5962-8962703GC	1	HA2-5147/883	OP AMP, 28 V/ μ S	Harris
5962-8962703PA	1	HA7-5147/883	OP AMP, 28 V/ μ S	Harris
5962-8962801XA	1	7808AT	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
5962-8962801YA	1	7808AK	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
5962-8962801ZA	1	7808AR	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
5962-8963001EA	1	DS78C120J/883	LINE DRIVER, DUAL DIFFERENTIAL, CMOS-COMPATIBLE	National
5962-89631012A	1	HA4-5111/883	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
5962-8963101GC	1	HA2-5111/883	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
5962-8963101PA	1	HA7-5111/883	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
5962-89632012A	1	HA4-5112/883	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
5962-8963201GC	1	HA2-5112/883	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
5962-8963201PA	1	HA7-5112/883	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
5962-8963301XC	2	HA2-5033/883	BUFFER AMPLIFIER, HIGH-SPEED VIDEO	Harris
5962-89634012A	1	HA4-5114/883	OP AMP, QUAD, LOW-NOISE UNCOMPENSATED	Harris
5962-8963401CA	1	HA1-5114/883	OP AMP, QUAD, LOW-NOISE UNCOMPENSATED	Harris
5962-89635012A	1	HA4-5101/883	OP AMP, LOW-NOISE	Harris
5962-8963501PA	1	HA7-5101/883	OP AMP, LOW-NOISE	Harris
5962-89636012A	3	HA4-5002/883	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
5962-8963601GC	3	HA2-5002/883	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
5962-8963601PA	3	HA7-5002/883	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
5962-8964301XC	1	HA2-2542/883	OP AMP, WIDEBAND, HIGH SLEW RATE, HIGH OUTPUT CURRENT	Harris
5962-89648012A	1	HA4-2540/883	OP AMP, WIDEBAND	Harris
5962-8964801CA	1	HA1-2540/883	OP AMP, WIDEBAND	Harris
5962-89656022A	1	HA4-5142/883	OP AMP, DUAL, LOW-POWER	Harris
5962-8965602GC	1	HA2-5142/883	OP AMP, DUAL, LOW-POWER	Harris
5962-8965602PA	1	HA7-5142/883	OP AMP, DUAL, LOW-POWER	Harris
5962-89656032A	1	HA4-5144/883	OP AMP, QUAD, LOW-POWER	Harris
5962-8965603CA	1	HA1-5144/883	OP AMP, QUAD, LOW-POWER	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-89658012A	3	54ACT534LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8965801RA	3	54ACT534DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8965801SA	3	54ACT534FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-89658023A	1(1)	SNJ54ACT11534FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-8965802LA	1(1)	SNJ54ACT11534JT	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-89677012A	1(1)	LT1014AMFKB	OP AMP, QUAD, PRECISION	T.I.
5962-8967701CA	1	LT1014AMJ	OP AMP, QUAD, PRECISION	Linear
5962-8967701CA	1(1)	LT1014AMJB	OP AMP, QUAD, PRECISION	T.I.
5962-89677022A	1(1)	LT1014MPKB	OP AMP, QUAD, PRECISION	T.I.
5962-8967702CA	1	LT1014MJ	OP AMP, QUAD, PRECISION	Linear
5962-8967702CA	1(1)	LT1014MJB	OP AMP, QUAD, PRECISION	T.I.
5962-89680012A	2(2)	SNJ55ALS160FK	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-8968001RA	2(2)	SNJ55ALS160J	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-8968001SA	2(2)	SNJ55ALS160W	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-89681012A	2(2)	SNJ55ALS161FK	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-8968101RA	2(2)	SNJ55ALS161J	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-8968101SA	2(2)	SNJ55ALS161W	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
5962-89682013A	3	54AC646LMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8968201KA	3	54AC646FMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-8968201LA	3	54AC646SDMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-89684012A	2	2821L	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-8968401VA	2	2821J	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-89685012A	2	2823L	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-8968501VA	2	2823J	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-89686012A	2	2824L	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-8968601VA	2	2824J	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
5962-89687013A	3(4)	SNJ54ALS653FK	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T.I.
5962-8968701KA	3(4)	SNJ54ALS653W	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T.I.
5962-8968701LA	3(4)	SNJ54ALS653JT	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T.I.
5962-89688012A	3	54ACT157LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-8968801EA	3	54ACT157DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-8968801FA	3	54ACT157FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-89689012A	3	54ACT257LMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8968901EA	3	54ACT257DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8968901FA	3	54ACT257FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-89693012A	3	54ACT175LMQB	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
5962-8969301EA	3	54ACT175DMQB	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
5962-8969301FA	3	54ACT175FMQB	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
5962-8970001EA	1	CD54HCT123F3A	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE, WITH RESETS, TTL-COMPATIBLE INPUTS	Harris
5962-8970101EA	1	CD54HCT175F3A	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	Harris
5962-8970201EA	1	CD54HCT112F3A	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE INPUTS	Harris
5962-8970301CA	1	CD54HCT27F3A	NOR GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-8970401CA	1	CD54HCT164F3A	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT, TTL-COMPATIBLE INPUTS	Harris
5962-8970501EA	1	CD54HCT257F3A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH NONINVERTING 3-STATE OUTPUT	Harris
5962-8970701EA	1	CD54HCT162F3A	DECADE COUNTER, 4-BIT SYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	Harris
5962-8970801EA	1	CD54HCT258F3A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS, TT	Harris
5962-8970901CA	1	CD54HCT11F3A	AND GATE, TRIPLE 3-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
5962-8971301QTX	1	ATT3042-50N100MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
5962-8971301QTX	1	ATT3042-50R84MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
5962-8971301QZX	1	ATT3042-50R132MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
5962-8971302QTX	1	ATT3042-70N100MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
5962-8971302QUX	1	ATT3042-70R84MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
5962-8971302QZX	1	ATT3042-70R132MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
5962-8971303QTX	1	ATT3042-100N100MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	RSD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8971303QUX	1	ATT3042-100R84MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
5962-8971303QZX	1	ATT3042-100R132MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 100 MHZ	AT & T
5962-8971304QTX	1	ATT3042-125N100MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
5962-8971304QUX	1	ATT3042-125R84MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
5962-8971304QZX	1	ATT3042-125R132MQ	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
5962-89721012A	1	HA4-2529/883	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
5962-8972101GC	1	HA2-2529/883	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
5962-8972101PA	1	HA7-2529/883	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
5962-89729012A	3	54AC158FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8972901EA	3	54AC158DMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-8972901FA	3	54AC158FMQB	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
5962-89734012A	3	54ACTQ04LMQB	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
5962-8973401CA	3	54ACTQ04DMQB	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
5962-8973401DA	3	54ACTQ04FMQB	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
5962-89734022A	2(2)	54ACT11004FK	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
5962-8973402RA	2(2)	54ACT11004J	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
5962-89735012A	3	54ACTQ273LMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
5962-8973501RA	3	54ACTQ273DMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
5962-8973501SA	3	54ACTQ273FMQB	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
5962-89736012A	3	54ACTQ32LMQB	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8973601CA	3	54ACTQ32DMQB	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-8973601DA	3	54ACTQ32FMQB	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962-89736022A	1(.5)	SNJ54ACT11032FK	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-8973602EA	1(.5)	SNJ54ACT11032J	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
5962-8974001RA	1	CD54HCT640F3A	BUS TRANSCEIVER, 8-BIT, INVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
5962-8974201RA	1	CD54HCT574F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
5962-8974301EA	1	CD54HCT174F3A	FLIP-FLOP, D-TYPE, HEX, WITH RESET, TTL COMPATIBLE-INPUTS	Harris
5962-89745012A	2(2)	SNJ54HCT238FK	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	T.I.
5962-8974501EA	2(2)	SNJ54HCT238J	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	T.I.
5962-8974501FA	1	CD54HCT238F3A	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	Harris
5962-8974601CA	1	CD54HCT30F3A	NAND GATE, 8-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-89747012A	1(1)	SNJ54HCT04FK	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
5962-8974701CA	1(1)	SNJ54HCT04J	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
5962-8974701FA	1	CD54HCT04F3A	HEX INVERTER, TTL-COMPATIBLE INPUTS	Harris
5962-89749012A	3	54AC191LMQB	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
5962-8974901EA	3	54AC191DMQB	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
5962-8974901FA	3	54AC191FMQB	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
5962-8975101CA	1	CD54HCT02F3A	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-89754013A	1	54F646LMQB	BUS TRANSCEIVER/REGISTER	National
5962-8975401KA	1	54F646FMQB	BUS TRANSCEIVER/REGISTER	National
5962-8975401LA	1	54F646SDMQB	BUS TRANSCEIVER/REGISTER	National
5962-89754023A	1	54F648LMQB	BUS TRANSCEIVER/REGISTER, INVERTED	National
5962-8975402KA	1	54F648FMQB	BUS TRANSCEIVER/REGISTER, INVERTED	National
5962-8975402LA	1	54F648SDMQB	BUS TRANSCEIVER/REGISTER, INVERTED	National
5962-89756012A	1(0)	SNJ54LS598FK	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.
5962-8975601RA	1(0)	SNJ54LS598J	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.
5962-8975601SA	1(0)	SNJ54LS598W	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.
5962-8976301M2A	1	89763012A	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
5962-8976301MEA	1	8976301EA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
5962-8976301NEA	2	DG403AK/883	ANALOG SWITCH, SPDT, 2-CHANNEL	Harris
5962-8976501EA	1	CD54HC283F3A	ADDER, 4-BIT BINARY, WITH FAST CARRY	Harris
5962-89766012A	2	54FCT541LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8976601RA	2	54FCT541DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8976601SA	2	54FCT541FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-89767012A	2	54FCT540LMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8976701RA	2	54FCT540DMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8976701SA	2	54FCT540FMQB	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8976901RA	1	CD54HCT377F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH DATA ENABLE, TTL-COMPATIBLE INPUTS	Harris
5962-8977101EA	1	CD54HCT4060F3A	BINARY COUNTER, 14-STAGE, WITH OSCILLATOR AND TTL COMPATIBLE INPUTS	Harris
5962-89778012A	1	1648MM/B2AJC	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8977801CA	1	1648M/BCAJC	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola
5962-8977801DA	1	1648M/BD AJC	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola
5962-8978001PA	2	3523/BPAJC	SENSING CIRCUIT, OVERVOLTAGE	Motorola
5962-8978201CA	1	LTC1052MJ	OP AMP, CHOPPER-STABILIZED	Linear
5962-8978201GA	1	LTC1052MH	OP AMP, CHOPPER-STABILIZED	Linear
5962-8978201PA	1	LTC1052MJ8	OP AMP, CHOPPER-STABILIZED	Linear
5962-8978701MEA	1	DS9627MJ/883	LINE RECEIVER, DUAL	National
5962-89793012A	3	54ACT520LMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8979301RA	3	54ACT520DMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8979301SA	3	54ACT520FMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-89793022A	3	54ACT521LMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8979302RA	3	54ACT521DMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8979302SA	3	54ACT521FMQB	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
5962-8980201XA	1	LT1031BMH	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8980202XA	1	LT1031CMH	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8980203XA	1	LT1031DMH	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-8982101GA	1	DS1634H/883	PERIPHERAL DRIVER, DUAL NOR, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-8982101PA	1	DS1634J-8/883	PERIPHERAL DRIVER, DUAL NOR, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-8982301QXX	1	ATT3090-50R175MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 50 MHZ TOGGLE SPEED	AT & T
5962-8982301QZX	1	ATT3090-50N164MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 50 MHZ TOGGLE SPEED	AT & T
5962-8982302QXX	1	ATT3090-70R175MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 70 MHZ TOGGLE SPEED	AT & T
5962-8982302QZX	1	ATT3090-70N164MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 70 MHZ TOGGLE SPEED	AT & T
5962-8982303QXX	1	ATT3090-100R175MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 100 MHZ TOGGLE SPEED	AT & T
5962-8982303QZX	1	ATT3090-100N164MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 100 MHZ TOGGLE SPEED	AT & T
5962-8982304QXX	1	ATT3090-125R175MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 125 MHZ TOGGLE SPEED	AT & T
5962-8982304QZX	1	ATT3090-125N164MQ	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 125 MHZ TOGGLE SPEED	AT & T
5962-8983002RA	2	LTC1290BMJ	DATA ACQUISITION SYSTEM, 12-BIT	Linear
5962-8983003RA	2	LTC1290CMJ	DATA ACQUISITION SYSTEM, 12-BIT	Linear
5962-8983004RA	2	LTC1290DMJ	DATA ACQUISITION SYSTEM, 12-BIT	Linear
5962-89841033X	3	PALC22V10D-15LMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
5962-8984103KX	3	PALC22V10D-15KMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
5962-8984103LX	3	PALC22V10D-15DMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
5962-89841043X	3	PALC22V10D-25LMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984104KX	3	PALC22V10D-25KMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984104LX	3	PALC22V10D-25DMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-89841053X	3	PALC22V10D-15LMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984105KX	3	PALC22V10D-15KMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984105LX	3	PALC22V10D-15DMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-89841063X	3	PALC22V10D-10LMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984106KX	3	PALC22V10D-10KMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984106LX	3	PALC22V10D-10DMB	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
5962-8984201GC	1	ICL8211MTY/883B	VOLT. DETECTOR, PROGRAMMABLE	Harris
5962-8984202GC	1	ICL8212MTY/883B	VOLTAGE DETECTOR, PROGRAMMABLE, HIGH OUTPUT CURRENT	Harris
5962-8984301CA	1	CD54HCT10F3A	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-8984401CA	1	CD54HCT86F3A	EXCLUSIVE-OR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-8984501CA	1	CD54HCT132F3A	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER, TTL-COMPATIBLE INPUTS	Harris
5962-89845022A	2(2)	SNJ54HC132FK	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
5962-8984502CA	2(2)	SNJ54HC132J	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
5962-8984502DA	2(2)	SNJ54HC132W	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
5962-89847012A	3	54ACT241LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8984701RA	3	54ACT241DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-8984701SA	3	54ACT241FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-89847023A	1(0)	SNJ54ACT11241FK	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
5962-8984901RA	1	CD54HCT534F3A	FLIP-FLOP, D-TYPE, 8-BIT, POS. EDGE-TRIGGERED, WITH INVERTING 3-STATE OUTPUTS	Harris
5962-8985201EA	1	CD54HCT259F3A	LATCH, 8-BIT ADDRESSABLE, TTL-COMPATIBLE	Harris
5962-89856012A	1	10H509/B2AJC	OR/NOR GATE, DUAL, 4-5 INPUT	Motorola
5962-8985601EA	1	10H509/BEAJC	OR/NOR GATE, DUAL, 4-5 INPUT	Motorola
5962-8985601FA	1	10H509/BFAJC	OR/NOR GATE, DUAL, 4-5 INPUT	Motorola
5962-8987001UA	3	7908AIG	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
5962-8987001XA	3	7908AT	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
5962-8987001YA	3	7908AK	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
5962-8987001ZA	3	7908AR	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
5962-8987301YA	3	LT1003MK	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 5A	Linear
5962-8987601EA	2	2023J	TRANSISTOR ARRAY, 7-GATE DARLINGTON	Linfinity
5962-8987801EA	1	1548J	POWER FAULT MONITOR, QUAD	Linfinity
5962-89880012A	1	HA4-2522/883	OP AMP, HIGH-SPEED	Harris
5962-8988001GC	1	HA2-2522/883	OP AMP, HIGH-SPEED	Harris
5962-8988001PA	1	HA7-2522/883	OP AMP, HIGH-SPEED	Harris
5962-8988002GC	1	HA2-2520/883	OP AMP, HIGH-SPEED	Harris
5962-8988002PA	1	HA7-2520/883	OP AMP, HIGH-SPEED	Harris
5962-8988201CA	1	MM78C30J/883	LINE DRIVER, DUAL DIFFERENTIAL	National
5962-8989001CA	1	CD54HCT393F3A	BINARY COUNTER, DUAL 4-STAGE, TTL-COMPATIBLE INPUTS	Harris
5962-8989701CA	2	LT1058AMJ	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
5962-8989701XA	2	LT1058AML	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
5962-8989702CA	2	LT1058MJ	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
5962-8992101XA	2	LML29AH	VOLT. REFERENCE, 6.9V, PRECISION	Linear
5962-8992101YA	1	LML29AH/883	VOLT. REFERENCE, 6.9V, PRECISION	National
5962-8992102XA	1	LML29BH/883	VOLT. REFERENCE, 6.9V, PRECISION	National
5962-8992102YA	2	LML29BH	VOLT. REFERENCE, 6.9V, PRECISION	Linear
5962-8992103XA	2	LML29CH	VOLT. REFERENCE, 6.9V, PRECISION	Linear
5962-89925012A	1(.5)	SNJ54LS378FK	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
5962-8992501EA	1(.5)	SNJ54LS378J	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
5962-8992501FA	1(.5)	SNJ54LS378W	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
5962-8993001MIA	1	LML26H/883	VOLT. REGULATOR, DUAL TRACKING	National
5962-8993001MIA	1	LML26H/883	VOLT. REGULATOR, DUAL TRACKING	National
5962-8993501XX	3	CY7C192-45DMB	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
5962-8993501YX	3	CY7C192-45KMB	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
5962-8993501ZX	3	CY7C192-45LMB	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
5962-8993502XX	3	CY7C192-35DMB	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
5962-8993502YX	3	CY7C192-35KMB	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
5962-8993502ZX	3	CY7C192-35LMB	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
5962-8993503XX	3	CY7C192-25DMB	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
5962-8993503YX	3	CY7C192-25KMB	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
5962-8993503ZX	3	CY7C192-25LMB	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
5962-89945013A	2(2)	SNJ54ALS996FK	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T.I.
5962-8994501KA	2(2)	SNJ54ALS996W	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T.I.
5962-8994501LA	2(2)	SNJ54ALS996JT	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T.I.
5962-89946012A	1(<.5)	54HC190	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
5962-8994601EA	1	CD54HC190F3A	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	Harris
5962-8994601FA	1(<.5)	54HC190	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
5962-8994701MEA	1	CD54HCT4040F3A	BINARY COUNTER, 12-STAGE RIPPLE-CARRY, TTL-COMPATIBLE INPUTS	Harris
5962-8994801QUX	1	ATT3020-50N100MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 50 MHZ	AT & T
5962-8994801QZX	1	ATT3020-50R84MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 50 MHZ	AT & T
5962-8994802QUX	1	ATT3020-70N100MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 70 MHZ	AT & T
5962-8994802QZX	1	ATT3020-70R84MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 70 MHZ	AT & T
5962-8994803QUX	1	ATT3020-100N100MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 100 MHZ	AT & T
5962-8994803QZX	1	ATT3020-100R84MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 100 MHZ	AT & T
5962-8994804QUX	1	ATT3020-125N100MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 125 MHZ	AT & T
5962-8994804QZX	1	ATT3020-125R84MQ	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 125 MHZ	AT & T
5962-8995001B2A	3(5.25)	JM54ACT112B2A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001BEA	3(5.25)	JM54ACT112BEA	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001BFA	3(5.25)	JM54ACT112BFA	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001M2A	3	54ACT112LMQB	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001MEA	3	54ACT112DMQB	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001MFA	3	54ACT112FMQB	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001S2A	3(5.25)	JM54ACT112S2A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-8995001SEA	3 (5.25)	JM54ACT112SEA	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995001SFA	3 (5.25)	JM54ACT112SFA	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
5962-8995301EA	1	CD54HC4015F3A	SHIFT REGISTER, DUAL 4-STAGE	Harris
5962-8995401EA	1	CD54HC4520F3A	COUNTER, DUAL SYNCHRONOUS	Harris
5962-89956013A	3 (4)	SNJ54ALS646FK	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8995601KA	3 (4)	SNJ54ALS646W	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-8995601LA	3 (4)	SNJ54ALS646JT	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-89961012A	1	89961012A	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
5962-8996101EA	2	DG405AK/803	ANALOG SWITCH, DPST, 2-CHANNEL	Harris
5962-8996101EA	1	8996101EA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
5962-89969012A	1	35074M/B2AJC	OP AMP, QUAD, SINGLE SUPPLY	Motorola
5962-8996901CA	1	35074/BCAJC	OP AMP, QUAD, SINGLE SUPPLY	Motorola
5962-89969022A	1	35074AM/B2AJC	OP AMP, QUAD, SINGLE SUPPLY	Motorola
5962-8996902CA	1	35074A/BCAJC	OP AMP, QUAD, SINGLE SUPPLY	Motorola
5962-8997601GA	1	LT1055AMH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-8997602GA	1	LT1056AMH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-8997603GA	1	LT1055MH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-8997604GA	1	LT1056MH	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
5962-8998101XA	3	LT1086MK	VOLT. REGULATOR, ADJ., POSITIVE, 1.0A	Linear
5962-8998101YA	3	LT1086MH	VOLT. REGULATOR, ADJ., POSITIVE, 1.0A	Linear
5962-8999001EA	1	CD54HC297F3A	FILTER, PHASE-LOCKED LOOP	Harris
5962-9050101Q2A	2	SNJ54HC166FK	SHIFT REGISTER, 8-BIT PAR/SER IN, SER OUT	T.I.
5962-9050101QEA	2	SNJ54HC166J	SHIFT REGISTER, 8-BIT PAR/SER IN, SER OUT	T.I.
5962-90503012A	1 (.5)	SNJ54LS396FK	STORAGE REGISTER, OCTAL, LOW-POWER	T.I.
5962-9050301EA	1 (.5)	SNJ54LS396J	STORAGE REGISTER, OCTAL, LOW-POWER	T.I.
5962-9050501MEA	1	CD54HCT153F3A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-90506012A	1 (0)	SNJ54F623FK	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-9050601RA	1 (0)	SNJ54F623J	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-9050601SA	1 (0)	SNJ54F623W	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-90506022A	3 (4)	SNJ54F621FK	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
5962-9050602RA	3 (4)	SNJ54F621J	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
5962-9050602SA	3 (4)	SNJ54F621W	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
5962-9051001XA	1 (0)	68HC11A0/BXAJC	MICROCONTROLLER, 8-BIT, ROM AND EEPROM DISABLED, 256 BYTES RAM	Motorola
5962-9051001YC	1 (0)	68HC11A0/BYCJC	MICROCONTROLLER, 8-BIT, ROM AND EEPROM DISABLED, 256 BYTES RAM	Motorola
5962-9051002XA	1 (0)	68HC11A1/BXAJC	MICROCONTROLLER, 8-BIT, ROM DISABLED, 256 BYTES RAM, 512 BYTES EEPROM	Motorola
5962-9051002YC	1 (0)	68HC11A1/BYCJC	MICROCONTROLLER, 8-BIT, ROM DISABLED, 256 BYTES RAM, 512 BYTES EEPROM	Motorola
5962-9051401M2A	3 (4)	SNJ54BCT245FK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9051401MRA	1 (0)	SNJ54BCT245J	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9051401MSA	3 (4)	SNJ54BCT245W	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9051601M2A	3 (4)	SNJ54BCT374FK	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-9051601MRA	3 (4)	SNJ54BCT374J	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-9051601MSA	3 (4)	SNJ54BCT374W	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-9051801MEA	1	HD1-4702/883	RATE GENERATOR, PROGRAMMABLE BIT	Harris
5962-9051901XA	1	LT1029AMH	VOLT. REFERENCE, 5V, PRECISION	Linear
5962-9051902XA	1	LT1029MH	VOLT. REFERENCE, 5V, PRECISION	Linear
5962-9052201GA	1 (0)	DS1632H/883	PERIPHERAL DRIVER, DUAL NAND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-9052201PA	1 (0)	DS1632J-8/883	PERIPHERAL DRIVER, DUAL NAND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
5962-90523013A	2 (2)	SNJ54ALS648FK	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-9052301KA	2 (2)	SNJ54ALS648W	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-9052301LA	2 (2)	SNJ54ALS648JT	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5962-9052401MEA	1	CD54HCT251F3A	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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5962-9052501MQA	1	HD1-6402R/883	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 2.0 MHZ	Harris
5962-9052502MQA	1	HD1-6402B/883	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 8.0 MHZ	Harris
5962-9052601MUA	2(2)	SMJ320C30HFGM28	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
5962-9052601MXA	2(2)	SMJ320C30GBM28	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
5962-9052601MKA	2(2)	SMJ320C30GBM28	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
5962-9052602MUA	2(2)	SMJ320C30HFGM25	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
5962-9052602MUA	2(2)	SMJ320C30HFGM25	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
5962-9052602MXA	2(2)	SMJ320C30GBM25	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
5962-9052602MXA	2(2)	SMJ320C30GBM25	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
5962-9052603MUA	2(2)	SMJ320C30HFGM33	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
5962-9052603MXA	2(2)	SMJ320C30GBM33	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
5962-9054301MQA	1	MD82C37A-5	DMA CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
5962-9054301MXA	1	MR82C37A-5	DMA CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
5962-9054302MQA	1	MD82C37A	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-9054302MXA	1	MR82C37A	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-9054303MQA	1	MD82C37A-12	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
5962-9054303MXA	1	MR82C37A-12	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
5962-9054304MQA	1	MD82C237	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-9054304MXA	1	MR82C237	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
5962-9054305MQA	1	MD82C237-12	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
5962-9054305MXA	1	MR82C237-12	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
5962-9054401MYC	1	HPC003U20/883	MICROCONTROLLER, HIGH PERFORMANCE	National
5962-9054402MYC	1	HPC083XXX/U/883	MICROCONTROLLER, HIGH PERFORMANCE	National
5962-9054501RA	2	LTC1045MJ	TRANSLATOR/RECEIVER/DRIVER, HEX, PROGRAMMABLE	Linear
5962-9054901MQA	2	HD1-15531/883	MANCHESTER ENCODER/DECODER, 1.25 MEGABIT/S	Harris
5962-9054902MQA	2	HD1-15531B/883	MANCHESTER ENCODER/DECODER, 2.50 MEGABIT/S	Harris
5962-9055301EA	1	CD54HC40103F3A	BINARY COUNTER, 8-BIT SYNCHRONOUS	Harris
5962-9055701EA	1	CD14538BF3A	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE, PRECISION	Harris
5962-9055702EA	1	14538B/BEAJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE, PRECISION	Motorola
5962-9056101M2A	1	10565M/B2AJC	PRIORITY ENCODER, 8-INPUT	Motorola
5962-9056101MRA	1	10565/BFAJC	PRIORITY ENCODER, 8-INPUT	Motorola
5962-9056101MFA	1	10565/BFAJC	PRIORITY ENCODER, 8-INPUT	Motorola
5962-9056403MA	1	87C654/BMA	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
5962-9056403XA	1	87C654/BQA	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
5962-9056404MA	1	87C654-16/BMA	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
5962-9056404XA	1	87C654-16/BQA	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
5962-90569012A	1	90569012A	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
5962-9056901EA	1	9056901EA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
5962-9056901EA	2	DG401AK/883	ANALOG SWITCH, SPST, 2-CHANNEL	Harris
5962-9057401EA	1	CD54HCT40102F3A	BCD COUNTER, 8-BIT SYNCHRONOUS DOWN, TTL-COMPATIBLE INPUTS	Harris
5962-90582012A	1(0)	54F191LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
5962-9058201EA	1(0)	54F191DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
5962-9058201FA	1(0)	54F191FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
5962-9058801M2A	1	10H750M/B2AJC	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
5962-9058801MEA	1	10H750/BEAJC	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
5962-9058801MFA	1	10H750/BFAJC	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
5962-9059001B2A	3(9.75)	JMS4AC05B2A	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001BCA	3(9.75)	JMS4AC05BCA	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001BDA	3(9.75)	JMS4AC05BDA	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001M2A	3	54AC05LMQB	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001MCA	3	54AC05DMQB	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001MDA	3	54AC05FMQB	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001S2A	3(9.75)	JMS4AC05S2A	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001SCA	3(9.75)	JMS4AC05SCA	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059001SDA	3(9.75)	JMS4AC05SDA	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
5962-9059301M2A	1(0)	54F402LMOB	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
5962-9059301MEA	1(0)	54F402DMQB	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
5962-9059301MFA	1(0)	54F402FMQB	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
5962-9059501GA	1	LT1019AMH-10	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-9059502GA	1	LT1019MH-5	VOLT. REFERENCE, 5V, PRECISION	Linear
5962-9059503GA	1	LT1019AMH-4.5	VOLT. REFERENCE, 4.5V, PRECISION	Linear
5962-9059504GA	1	LT1019AMH-2.5	VOLT. REFERENCE, 2.5V, PRECISION	Linear
5962-9059505GA	1	LT1019MH-10	VOLT. REFERENCE, 10V, PRECISION	Linear
5962-9059506GA	1	LT1019MH-5	VOLT. REFERENCE, 5V, PRECISION	Linear
5962-9059507GA	1	LT1019MH-4.5	VOLT. REFERENCE, 4.5V, PRECISION	Linear
5962-9059508GA	1	LT1019MH-2.5	VOLT. REFERENCE, 2.5V, PRECISION	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9059701MEA	1	CD54HCT4017F3A	DECADE COUNTER/DIVIDER, WITH 10 DECODED OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
5962-90604012A	1(0)	TLC274MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060401CA	1(0)	TLC274MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060401DA	1(0)	TLC274MWB	OP AMP, QUAD, PRECISION	T.I.
5962-90604022A	1(0)	TLC279MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060402CA	1(0)	TLC279MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060402DA	1(0)	TLC279MWB	OP AMP, QUAD, PRECISION	T.I.
5962-90604032A	1(0)	TLC27M4MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060403CA	1(0)	TLC27M4MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060403DA	1(0)	TLC27M4MWB	OP AMP, QUAD, PRECISION	T.I.
5962-90604042A	1(0)	TLC27M9MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060404CA	1(0)	TLC27M9MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060404DA	1(0)	TLC27M9MWB	OP AMP, QUAD, PRECISION	T.I.
5962-90604052A	1(0)	TLC27L4MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060405CA	1(0)	TLC27L4MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060405DA	1(0)	TLC27L4MWB	OP AMP, QUAD, PRECISION	T.I.
5962-90604062A	1(0)	TLC27L9MFKB	OP AMP, QUAD, PRECISION	T.I.
5962-9060406CA	1(0)	TLC27L9MJB	OP AMP, QUAD, PRECISION	T.I.
5962-9060406DA	1(0)	TLC27L9MWB	OP AMP, QUAD, PRECISION	T.I.
5962-9061601LA	3(4)	SNJ54ALS29821JT	FLIP-FLOP, 10-BIT, BUS INTERFACE, WITH 3-STATE OUTPUTS	T.I.
5962-9062501M2A	3(4)	SNJ54BCT244FK	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9062501MRA	1(0)	SNJ54BCT244J	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9062501MSA	3(4)	SNJ54BCT244W	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9062701GA	1	LT1011AMH	VOLT. COMPARATOR	Linear
5962-9062701PA	1	LT1011AMJ8	VOLT. COMPARATOR	Linear
5962-9062702GA	1	LT1011MH	VOLT. COMPARATOR	Linear
5962-9062702PA	1	LT1011MJ8	VOLT. COMPARATOR	Linear
5962-9062801RA	1(0)	SNJ55ALS056J	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
5962-9062801SA	1(0)	SNJ55ALS056W	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
5962-90629012A	1(0)	SNJ55ALS057FK	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
5962-9062901RA	1(0)	SNJ55ALS057J	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
5962-9062901SA	1(0)	SNJ55ALS057W	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
5962-9064001CA	1	CD4016BF3A	BILATERAL SWITCH, QUAD	Harris
5962-9064201Q2A	0	TLC1541MFKB	A/D CONVERTER, 10-BIT	T.I.
5962-9064201QRA	0	TLC1541MJB	A/D CONVERTER, 10-BIT	T.I.
5962-9064202Q2A	2	TLC1542MFKB	A/D CONVERTER, 10-BIT	T.I.
5962-9064202QRA	2	TLC1542MJB	A/D CONVERTER, 10-BIT	T.I.
5962-9064901CA	2	LTC1064-4MJ	FILTER, CAUER LOW PASS, LOW NOISE, 8TH ORDER, CLOCK SWEEPABLE	Linear
5962-9064901XA	2	LTC1064-4ML	FILTER, CAUER LOW PASS, LOW NOISE, 8TH ORDER, CLOCK SWEEPABLE	Linear
5962-9065101MCA	1	CD54HCT136F3A	BUFFER, QUAD, WITH 3 STATE OUTPUTS, TTL COMPATIBLE INPUTS	Harris
5962-9065201MEA	1	CD54HCT151F3A	DATA SEL/MULTIPLEXER, 8-INPUT, TTL-COMPATIBLE INPUTS	Harris
5962-9065401MEA	1	CD54HCT4051F3A	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, TTL-COMPATIBLE INPUTS	Harris
5962-9066401MXX	3	CY7C191-45DMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
5962-9066401MYX	3	CY7C191-45KMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
5962-9066401MZX	3	CY7C191-45LMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
5962-9066402MXX	3	CY7C191-35DMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
5962-9066402MYX	3	CY7C191-35KMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
5962-9066402MZX	3	CY7C191-35LMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
5962-9066403MXX	3	CY7C191-25DMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
5962-9066403MYX	3	CY7C191-25KMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
5962-9066403MZX	3	CY7C191-25LMB	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
5962-9066501M2A	1(0)	SNJ54ALS137AFK	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
5962-9066501MEA	1(0)	SNJ54ALS137AJ	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
5962-9066501MFA	1(0)	SNJ54ALS137AW	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
5962-9067502M3A	3(4)	54ALS29824	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, INVERTING INPUTS	T.I.
5962-9067502MKA	3(4)	54ALS29824	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, INVERTING INPUTS	T.I.
5962-9067502MLA	3(4)	54ALS29824	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS,	T.I.

TABLE I
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5962-9067801MXC	2	MG80C286-10/883	INVERTING INPUTS	Harris
5962-9067802MXC	2	MG80C286-12/883	MICROPROCESSOR, 16-BIT, 10 MHZ	Harris
5962-9068901MEA	1	9068901EA	MICROPROCESSOR, 16-BIT, 12 MHZ	Siliconix
5962-9069301MCA	2	LTC1064-1MJ	ANALOG SWITCH, SPST, 2-CHANNEL, WITH BIPOLAR DRIVE	Linear
5962-9069302MCA	2	LTC1064-1AMJ	SWITCHED CAPACITOR FILTER, 8TH ORDER, CLOCK SWEEPABLE	Linear
5962-9070101MEA	1	CD54HCT109F3A	ELLIPTIC (CAUER) LOWPASS	Harris
5962-9070201MEA	1	CD54HCT157F3A	SWITCHED CAPACITOR FILTER, 8TH ORDER, CLOCK SWEEPABLE	Harris
5962-9070301MEA	1	CD54HCT158F3A	ELLIPTIC (CAUER) LOWPASS	Harris
5962-9070501MEA	1	CD54HCT160F3A	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE	Harris
5962-9070601MEA	1	CD54HCT367F3A	INPUTS	Harris
5962-9073101M2A	1	90731012A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING,	Siliconix
5962-9073101MEA	2	DG411AK/883	TTL-COMPATIBLE INPUTS	Harris
5962-9073101MEA	1	9073101EA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, INVERTING,	Siliconix
5962-9073102M2A	1	90731022A	TTL-COMPATIBLE INPUTS	Siliconix
5962-9073102MEA	1	9073102EA	DECADE COUNTER, ASYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	Siliconix
5962-9073102MEA	2	DG412AK/883	BUFFER/LINE DRIVER, HEX, NONINVERTING, W/3-STATE OUTPUTS,	Harris
5962-9073103M2A	1	90731032A	TTL-COMPATIBLE INPUTS	Siliconix
5962-9073103MEA	2	DG413AK/883	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
5962-9073103MEA	1	9073103EA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
5962-9073701MPA	1	9073701PA	ANALOG SWITCH, SPST, 1-CHANNEL	Siliconix
5962-9073702MPA	1	9073702PA	ANALOG SWITCH, SPST, 1-CHANNEL	Siliconix
5962-9073703MPA	1	9073703PA	ANALOG SWITCH, SPST, 1-CHANNEL	Siliconix
5962-9074101M2A	1(1)	SNJ54BCT2244FK	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074101MRA	1(1)	SNJ54BCT2244J	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074101MSA	1(1)	SNJ54BCT2244W	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074201M2A	3(4)	SNJ54BCT240FK	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-9074201MRA	3(4)	SNJ54BCT240J	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-9074201MSA	3(4)	SNJ54BCT240W	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-9074301M2A	3(4)	SNJ54BCT241FK	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074301MRA	3(4)	SNJ54BCT241J	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074301MSA	3(4)	SNJ54BCT241W	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T.I.
5962-9074401M3A	3(4)	SNJ54BCT2827AFK	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9074401MKA	3(4)	SNJ54BCT2827AW	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9074401MLA	3(4)	SNJ54BCT2827AJT	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9074501M3A	2(2)	SNJ54BCT2828AFK	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE	T.I.
5962-9074501MKA	2(2)	SNJ54BCT2828AW	OUTPUTS	T.I.
5962-9074501MLA	2(2)	SNJ54BCT2828AJT	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE	T.I.
5962-9074601M2A	3(4)	SNJ54BCT373FK	OUTPUTS	T.I.
5962-9074601MRA	3(4)	SNJ54BCT373J	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9074601MSA	3(4)	SNJ54BCT373W	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9074701M2A	3(4)	SNJ54BCT534FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS,	T.I.
5962-9074701MRA	3(4)	SNJ54BCT534J	TTL-COMPATIBLE INPUTS	T.I.
5962-9074701MSA	3(4)	SNJ54BCT534W	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS,	T.I.
5962-9074801M2A	3(4)	SNJ54BCT540FK	TTL-COMPATIBLE INPUTS	T.I.
5962-9074801MRA	3(4)	SNJ54BCT540J	LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-9074801MSA	3(4)	SNJ54BCT540W	LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T.I.
5962-9074901M2A	3(4)	SNJ54BCT541FK	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-9074901MRA	3(4)	SNJ54BCT541J	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-9074901MSA	3(4)	SNJ54BCT541W	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
5962-9075001M2A	3(4)	SNJ54BCT620AFK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075001MRA	3(4)	SNJ54BCT620AJ	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075001MSA	3(4)	SNJ54BCT620AW	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075201M2A	3(4)	SNJ54BCT640FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075201MRA	3(4)	SNJ54BCT640J	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075201MSA	3(4)	SNJ54BCT640W	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T.I.
5962-9075701MPA	2	35063/BPAJC	DC/DC CONVERTER CONTROL CIRCUIT	Motorola
5962-9075801MEA	1	CD54HCT75F3A	LATCH, DUAL 2-BIT, BISTABLE, TRANSPARENT, TTL-COMPATIBLE	Harris
5962-9076501M2A	1	DS96F172ME/883	INPUTS	National
			LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	

TABLE I
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5962-9076501MEA	1	DS96F172MJ/883	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
5962-9076502M2A	1	DS96F174ME/883	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
5962-9076502MEA	1	DS96F174MJ/883	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
5962-9076502MFA	1	DS96F174MW/883	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
5962-9076503Q2A	2	SNJ55LBC172FK	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
5962-9076503QEA	2	SNJ55LBC172J	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
5962-9076504Q2A	2	SNJ55LBC174FK	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
5962-9076504QEA	2	SNJ55LBC174J	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
5962-9076601M2A	1	DS96F175ME/883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076601MEA	1	DS96F175FMJ-883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076601MFA	1	DS96F175MW/883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076602M2A	1	DS96F173ME/883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076602MEA	1	DS96F173MJ/883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076602MFA	1	DS96F173MW/883	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
5962-9076603Q2A	1(1)	SNJ55LBC175FK	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9076603QEA	1(1)	SNJ55LBC175J	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9076603QFA	1(1)	SNJ55LBC175W	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9076604Q2A	1(1)	SNJ55LBC173FK	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9076604QEA	1(1)	SNJ55LBC173J	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9076604QFA	1(1)	SNJ55LBC173W	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
5962-9080001MEA	1	DM54LS502J/883	REGISTER, 8-BIT SUCCESSIVE APPROXIMATION	National
5962-9080001MFA	1	DM54LS502W/883	REGISTER, 8-BIT SUCCESSIVE APPROXIMATION	National
5962-9080701M2A	1(1)	TLE2061MFKB	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080701MHA	1(1)	TLE2061	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080701MHA	1(1)	TLE2061	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080701MPA	1(1)	TLE2061MJGB	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080801M2A	1(.5)	TLE2062MFKB	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080801MHA	1(1)	TLE2062MUB	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080801MPA	1(.5)	TLE2062MJGB	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080901M2A	1(1)	TLE2064MFKB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080901MCA	1(1)	TLE2064MJB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080901MDA	1(1)	TLE2064MWB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080901MDA	1(1)	TLE2064MWB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902M2A	1	TLE2064ZAMFKB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902M2A	1	TLE2064AMFKB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902MCA	1	TLE2064ZAMJB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902MCA	1	TLE2064AMJB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902MDA	1	TLE2064ZAMWB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080902MDA	1	TLE2064AMWB	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
5962-9080903Q2A	1	TLC2064BMFKB	OP AMP, QUAD, FET	T.I.
5962-9080903Q2A	1	TLE2064BMFKB	OP AMP, QUAD, FET	T.I.
5962-9080903QCA	1	TLE2064BMJB	OP AMP, QUAD, FET	T.I.
5962-9080903QCA	1	TLC2064BMJB	OP AMP, QUAD, FET	T.I.
5962-9081201MGA	2	LM6121H/883	BUFFER, HIGH-SPEED	National
5962-9081201MIA	2	LM6121J	BUFFER, HIGH-SPEED	National
5962-9081201MPA	2	LM6121J/883	VOLTAGE REFERENCE, PRECISION	National
5962-9081501MGA	1(0)	LM6125H/883B	BUFFER, HIGH-SPEED	National
5962-9081701MGA	2	LT1057AMH	OP AMP, DUAL, JFET HIGH-SPEED	Linear
5962-9081701MPA	2	LT1057AMJ8	OP AMP, DUAL, JFET HIGH-SPEED	Linear
5962-9081702MGA	2	LT1057MH	OP AMP, DUAL, JFET HIGH-SPEED	Linear
5962-9081702MPA	2	LT1057AMJ8	OP AMP, DUAL, JFET HIGH-SPEED	Linear
5962-9081802MPA	2	LM6181J/883	AMPLIFIER, CURRENT FEEDBACK	National
5962-9082501MYA	2	LT1070MK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 5A SWITCH	Linear
5962-9082502MYA	2	LT1071MK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 2.5A SWITCH	Linear
5962-9082503MPA	2	LT1072MJ8	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
5962-9082503MYA	2	LT1072MK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
5962-9082504MYA	2	LT1070HVMK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 5A SWITCH	Linear
5962-9082505MYA	2	LT1071HVMK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 2.5A SWITCH	Linear
5962-9082506MYA	2	LT1072HVMK	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
5962-9084101MCA	1	LT1020MJ	VOLT. REGULATOR/COMPARATOR, MICROPOWER	Linear
5962-9084201MC	1	LT1012MH	OP AMP, LOW DRIFT, PRECISION	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9084201MP	1	LT1012MD	OP AMP, LOW DRIFT, PRECISION	Linear
5962-9084202MG	1	LT1012AMH	OP AMP, LOW DRIFT, PRECISION	Linear
5962-9084501M2A	2(2)	TLC548MFKB	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 2.048 MHZ	T.I.
5962-9084501MPA	2(2)	TLC548MJGB	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 2.048 MHZ	T.I.
5962-9084502M2A	3(4)	TLC549MFKB	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 1.1 MHZ	T.I.
5962-9084502MPA	3(4)	TLC549MJGB	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 1.1 MHZ	T.I.
5962-9084801MEA	1	CD54HCT193F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPT.	Harris
5962-9084901MCA	1	CD54HCT107F3A	FLIP-FLOP, JK, DUAL, NEGATIVE-EDGE TRIGGERED, WITH RESET	Harris
5962-9086101Q2A	1	TL031MFKB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086101QPA	1	TL031MJGB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086102Q2A	1	TL032MFKB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086102QPA	1	TL032MJGB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086103Q2A	1	TL034MFKB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086103QCA	1	TLE034MJJB	OP AMP, JFET, LOW-POWER	T.I.
5962-9086201MGA	1	LM759H/883	OP AMP, POWER	National
5962-9086301M3A	1(.5)	TLC32040	INTERFACE CIRCUIT, ANALOG	T.I.
5962-9086301MA	1(.5)	TLC32040	INTERFACE CIRCUIT, ANALOG	T.I.
5962-9086301MKA	1(.5)	TLC32040	INTERFACE CIRCUIT, ANALOG	T.I.
5962-9086302M3A	1(.5)	TLC32044MFKB	INTERFACE CIRCUIT, ANALOG, VOICE-BAND	T.I.
5962-9086302MKA	1(.5)	TLC32044MJJB	INTERFACE CIRCUIT, ANALOG, VOICE-BAND	T.I.
5962-9086303M3A	2(2.0)	TLC32046MFKB	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
5962-9086303M3A	3(4)	TLC32046MFKB	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
5962-9086303MKA	2(2.0)	TLC32046MJJB	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
5962-9086303MKA	3(4)	TLC32046MJJB	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
5962-9087001M3A	3(4)	SNJ54BCT543FK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9087001MKA	3(4)	SNJ54BCT543W	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9087001MLA	3(4)	SNJ54BCT543JT	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9087801MCA	1	AH5010J/883	ANALOG SWITCH, 4-CHANNEL	National
5962-9088001MEA	1	AH5012J/883	ANALOG SWITCH, 4-CHANNEL	National
5962-9088101M2A	1(.5)	TLE2021MFKB	OP AMP, HIGH-SPEED, LOW-POWER	T.I.
5962-9088101MPA	1(.5)	TLE2021MJGB	OP AMP, HIGH-SPEED, LOW-POWER	T.I.
5962-9088102M2A	1(.5)	TLE2022MFKB	OP AMP, DUAL, HIGH-SPEED, LOW-POWER	T.I.
5962-9088102MPA	1(.5)	TLE2022MJGB	OP AMP, DUAL, HIGH-SPEED, LOW-POWER	T.I.
5962-9088103M2A	1(.5)	TLE2024MFKB	OP AMP, QUAD, HIGH-SPEED, LOW-POWER	T.I.
5962-9088103MCA	1(.5)	TLE2024MJJB	OP AMP, QUAD, HIGH-SPEED, LOW-POWER	T.I.
5962-9088201M2A	3(4)	TLC2201MFKB	OP AMP, LOW-PRECISION, SINGLE	T.I.
5962-9088201MPA	3(4)	TLC2201MJGB	OP AMP, LOW-PRECISION, SINGLE	T.I.
5962-9088202M2A	3(4)	TLC2202MFKB	OP AMP, DUAL, LOW-PRECISION	T.I.
5962-9088202MPA	3(4)	TLC2202MJGB	OP AMP, DUAL, LOW-PRECISION	T.I.
5962-9088203Q2A	3	TLC2201AMFKB	OP AMP, PRECISION	T.I.
5962-9088203Q2A	3	TLC2201AMFKB	OP AMP, PRECISION	T.I.
5962-9088203QPA	3	TLC2201AMJGB	OP AMP, PRECISION	T.I.
5962-9088203QPA	3	TLC2201AMJGB	OP AMP, PRECISION	T.I.
5962-9088204Q2A	3	TLC2202AMFKB	OP AMP, PRECISION	T.I.
5962-9088204QPA	3	TLC2202AMJGB	OP AMP, PRECISION	T.I.
5962-9088204QPA	3	TLC2202AMJGB	OP AMP, PRECISION	T.I.
5962-9088301MYA	1(0)	LM2940K-8/883C	VOLT. REGULATOR, 8V, 1.0A, LOW DROPOUT	National
5962-9088401MYA	3	LM2940K-12/883C	VOLT. REGULATOR, 12V, 1.0A, LOW DROPOUT	National
5962-9088501MYA	3	LM2940K-15/883C	VOLT. REGULATOR, 15V, 1.0A, LOW DROPOUT	National
5962-9088801M2A	1	HD4-6409/883	MANCHESTER ENCODER/DECODER	Harris
5962-9088801MRA	1	HD1-6409/883	MANCHESTER ENCODER/DECODER	Harris
5962-9088901M2A	2(2)	SNJ54BCT126FK	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T.I.
5962-9088901MCA	2(2)	SNJ54BCT126J	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T.I.
5962-9088901MDA	2(2)	SNJ54BCT126W	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T.I.
5962-9089501M2A	3(4)	TLC2652MFKB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089501MCA	3(4)	TLC2652MJJB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089501MPA	3(4)	TLC2652MJGB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089502M2A	3(4)	TLC2654MFKB	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
5962-9089502MCA	3(4)	TLC2654MJJB	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
5962-9089502MPA	3(4)	TLC2654MJGB	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
5962-9089503M2A	3(4)	TLC2652AMFKB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089503MCA	3(4)	TLC2652AMJJB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089503MPA	3(4)	TLC2652AMJGB	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
5962-9089601M2A	3(4)	TLE2027MFKB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-9089601MPA	3(4)	TLE2027MJGB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
5962-9089602M2A	3(4)	TLE2037MFKB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION, UNCOMPENSATED	T.I.
5962-9089602MPA	3(4)	TLE2037MJGB	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION, UNCOMPENSATED	T.I.
5962-9090601M2A	2(2)	SNJ54ACT11353FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9090601MEA	2(2)	SNJ54ACT11353J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9091001M2A	3	54F377LMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
5962-9091001MRA	3	54F377DMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
5962-9091001MSA	3	54F377FMQB	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
5962-9091401MXA	1	LM185BYH/883	VOLTAGE REFERENCE, ADJUSTABLE	National
5962-9091401MXA	1	LM185BYH-SMD	VOLTAGE REFERENCE, ADJUSTABLE	National
5962-9091601B2A	3(10)	JM54AC520B2A	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601BRA	3(10)	JM54AC520BRA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601BSA	3(10)	JM54AC520BSA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601M2A	3	54AC520LMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601MRA	3	54AC520DMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601MSA	3	54AC520FMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601S2A	3(10)	JM54AC520S2A	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601SRA	3(10)	JM54AC520SRA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091601SSA	3(10)	JM54AC520SSA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
5962-9091602M2A	1(1)	SNJ54AC11520FK	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	T.I.
5962-9091602MRA	1(1)	SNJ54AC11520J	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	T.I.
5962-9093201M2A	3(4)	TL7770-5MFKB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093201MEA	3(4)	TL7770-5MJB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093202M2A	3(4)	TL7770-12MFKB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093202MEA	3(4)	TL7770-12MJB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093203M2A	1(1)	TL7770-15MFKB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093203MA	1(1)	TL7770-15	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-9093203MEA	1(1)	TL7770-15MJB	POWER SUPPLY SUPERVISOR, DUAL	T.I.
5962-90935012A	1	10538M/B2AJC	BI-QUINARY COUNTER	Motorola
5962-9093501EA	1	10538/BEAJC	BI-QUINARY COUNTER	Motorola
5962-9093501FA	1	10538/BFAJC	BI-QUINARY COUNTER	Motorola
5962-9093801M2A	3(4)	SNJ54BCT760FK	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-9093801MRA	3(4)	SNJ54BCT760J	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-9093801MSA	3(4)	SNJ54BCT760W	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5962-9093901M2A	1(1)	SNJ54BCT2240FK	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T.I.
5962-9093901MRA	1(1)	SNJ54BCT2240J	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T.I.
5962-9093901MSA	1(1)	SNJ54BCT2240W	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T.I.
5962-9094001M2A	3(4)	SNJ54BCT623FK	BUS TRANSCEIVER, 8-BIT	T.I.
5962-9094001MRA	3(4)	SNJ54BCT623J	BUS TRANSCEIVER, 8-BIT	T.I.
5962-9094001MSA	3(4)	SNJ54BCT623W	BUS TRANSCEIVER, 8-BIT	T.I.
5962-9095801Q2A	1	TLE2161MFKB	OP AMP, JFET-INPUT, LOW POWER, HIGH OUTPUT DRIVE	T.I.
5962-9095801QPA	1	TLE2161MJGB	OP AMP, JFET-INPUT, LOW POWER, HIGH OUTPUT DRIVE	T.I.
5962-9096401MXA	1(1)	TPC1010AMGB84B	FIELD PROGRAMMABLE GATE ARRAY, 1200 GATE	T.I.
5962-9096401MYA	1(1)	TPC1010AMHT84B	FIELD PROGRAMMABLE GATE ARRAY, 1200 GATE	T.I.
5962-9096501MTA	1(1)	TPC1020AMHT84B	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
5962-9096501MUA	1(1)	TPC1020AMGB84B	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
5962-9096502MTA	1(1)	TPC1020AMHT84B-1	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
5962-9096502MUA	1(1)	TPC1020AMGB84B-1	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
5962-9096601MRA	1(0)	ADC0802LJ/883	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	National
5962-9096701MCA	1(0)	LMF60CMJ100/883	FILTER, 6TH-ORDER SWITCHED CAPACITOR BUTTERWORTH LOW-PASS	National
5962-9096702MCA	1(0)	LMF60CMJ50/883	FILTER, 6TH-ORDER SWITCHED CAPACITOR BUTTERWORTH LOW-PASS	National
5962-9096801MCA	2	LMF90CMJ/883	FILTER, 4TH-ORDER ELLIPTIC NOTCH	National
5962-9096901M2A	1(.5)	TLC3704MFKB	VOLT. COMPARATOR, QUAD DIFFERENTIAL, LOW-POWER	T.I.
5962-9096901MCA	1(.5)	TLC3704MJB	VOLT. COMPARATOR, QUAD DIFFERENTIAL, LOW-POWER	T.I.
5962-9098401MEA	1	CD54HCT390F3A	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	Harris
5962-9098501BRA	3	JM54AC521BRA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501BSA	3	JM54AC521B2A	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501BSA	3	JM54AC521B3A	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501M2A	3	54AC521LMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501MRA	3	54AC521DMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9098501MSA	3	54AC521FMQB	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501S2A	3	JM54AC521S2A	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501SRA	3	JM54AC521SRA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098501SSA	3	JM54AC521SSA	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962-9098502M2A	1(1)	SNJ54AC11521FK	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	T.I.
5962-9098502MRA	1(1)	SNJ54AC11521J	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	T.I.
5962-9150101QYC	1	68332-16/BYCJC	MICROCONTROLLER, 32-BIT, INTEGRATED	Motorola
5962-9150101QZA	1	68332-16/BZAJC	MICROCONTROLLER, 32-BIT, INTEGRATED	Motorola
5962-9151301M2A	1(<.5)	54HC51	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
5962-9151301MCA	1(<.5)	54HC51	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
5962-9152801MXA	1(0)	100301DMQB	OR/NOR GATE, TRIPLE 5-INPUT	National
5962-9152801MYA	2	100301FMQB	OR/NOR GATE, TRIPLE 5-INPUT	National
5962-9152802MKA	1(0)	100302DMQB	OR/NOR GATE, QUINT 2-INPUT	National
5962-9152802MYA	1(0)	100302FMQB	OR/NOR GATE, QUINT 2 INPUT	National
5962-9153001MXA	2	100324DMQB	HEX TRANSLATOR, TTL-TO-ECL	National
5962-9153001MYA	2	100324FMQB	HEX TRANSLATOR, TTL-TO-ECL	National
5962-9153101MXA	1(0)	100325DMQB	TRANSLATOR, HEX ECL-TO-TTL	National
5962-9153101MYA	1(0)	100325FMQB	TRANSLATOR, HEX ECL-TO-TTL	National
5962-9153301MZA	2	LMF100AE/883	FILTER, DUAL, SWITCHED, HIGH PERFORMANCE	National
5962-9153301MRA	2	LMF100AJ/883	FILTER, DUAL, SWITCHED, HIGH PERFORMANCE	National
5962-9153601MXA	1(0)	100331DMQB	FLIP-FLOP, D-TYPE, TRIPLE	National
5962-9153601MYA	1(0)	100331FMQB	FLIP-FLOP, D-TYPE, TRIPLE	National
5962-9153701MXA	1(0)	100304DMQB	AND/NAND GATE, QUINT	National
5962-9153701MYA	1(0)	100304FMQB	AND/NAND GATE, QUINT	National
5962-9154901MPA	2	NM93CS66J/883	PROM, ELECTR. ERASABLE, 256 X 16	National
5962-9155301M3A	3(4)	SNJ54BCT652FK	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9155301MKA	3(4)	SNJ54BCT652J	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9155301MLA	3(4)	SNJ54BCT652JT	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9155401M3A	3(4)	SNJ54BCT544FK	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T.I.
5962-9155401MKA	3(4)	SNJ54BCT544J	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T.I.
5962-9155401MLA	3(4)	SNJ54BCT544JT	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T.I.
5962-9155501M3A	3(4)	SNJ54BCT646FK	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9155501MKA	3(4)	SNJ54BCT646J	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9155501MLA	3(4)	SNJ54BCT646JT	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9156501M2A	3	LM6118E/883	OP AMP, DUAL, FAST-SETTLING	National
5962-9156501MPA	3	LM6118J/883	OP AMP, DUAL, FAST-SETTLING	National
5962-9156601MLA	3	87C751/BLA	MICROCONTROLLER, 8-BIT, WITH 2K BYTES EPROM MEMORY	Philips
5962-9156602MLA	3	87C751/BLA OT	MICROCONTROLLER, 8-BIT, WITH 2K BYTES ONE-TIME PROGRAMMABLE EPROM MEMORY	Philips
5962-9156901M2A	1	10H751/BRAJC	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
5962-9156901M2A	1	10H751M/B2AJC	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
5962-9156901MSA	1	10H751/BSAJC	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
5962-9157601MMA	1(0.5)	87C52/BMA	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-9157601MQA	1(0.5)	87C52/BQA-OT	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-9157601MQA	1(0.5)	87C52/BQA	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-9157602MMA	1(0.5)	87C52-16/BMA	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-9157603MMA	1(0.5)	87C52BMA-OT	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
5962-9157604MMA	1(0.5)	87C52-16/BMA OT	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-9157604MQA	1(0.5)	87C52-16/BQA OT	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
5962-9157701MXA	3	87C752/BXA	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K EPROM MEMORY (3.5-12 MHZ)	Philips
5962-9157702MXA	3	87C752-16/BXA	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K EPROM MEMORY (3.5-16 MHZ)	Philips
5962-9157703MXA	3	87C752/BXA OT	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K 1-TIME PROGR. EPROM MEMORY (3.5-12MHZ)	Philips
5962-9157704MXA	3	87C752-16/BXA OT	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K 1-TIME PROGR. EPROM MEMORY (3.5-16MHZ)	Philips
5962-9157801MXA	2	ADC1241CMJ/883	A/D CONVERTER, 12-BIT, SELF-CALIBRATING, WITH SAMPLE-AND-HOLD	National
5962-9157802MXA	2	ADC12441CMJ/883	A/D CONVERTER, 12-BIT, DYNAMICALLY-TESTED SELF-CALIBRATING, WITH SAMPLE-AND-HOLD	National
5962-9159501MPX	1	LTC1062MJ8	FILTER, LOW-PASS, 5TH-ORDER	Linear
5962-9160301M2A	3	54AC169LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
5962-9160301MEA	3	54AC169DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
5962-9160301MFA	3	54AC169FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9160401M2A	3	54AC258LMQB	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
5962-9160401MEA	3	54AC258DMQB	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
5962-9160401MFA	3	54AC258FMQB	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
5962-9160501M2A	3	54AC378LMQB	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
5962-9160501MEA	3	54AC378DMQB	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
5962-9160501MFA	3	54AC378FMQB	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
5962-9160601M3A	1(0)	54AC821LMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9160601MKA	1(0)	54AC821FMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9160601MLA	1(0)	54AC821SDMQB	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9160701M2A	3	54ACT323LMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
5962-9160701MRA	3	54ACT323DMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
5962-9160701MSA	3	54ACT323FMQB	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
5962-9160901M3A	3	54ACT818LMQB	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
5962-9160901MKA	3	54ACT818FMQB	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
5962-9160901MLA	3	54ACT818SDMQB	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
5962-9161001M3A	1(0)	54ACT823LMQB	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
5962-9161001MKA	1(0)	54ACT823FMQB	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
5962-9161001MLA	1(0)	54ACT823SDMQB	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
5962-9161101M3A	1(0)	54ACT825LMQB	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
5962-9161101MKA	1(0)	54ACT825FMQB	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
5962-9161101MLA	1(0)	54ACT825SDMQB	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
5962-9162303MKA	2(2)	SMJ34020AGBM32	GRAPHICS SYSTEM PROCESSOR	T.I.
5962-9162304MKA	3	SMJ34020AGBM40	GRAPHICS SYSTEM PROCESSOR	T.I.
5962-9162304MYA	3	SMJ34020AHTM40	GRAPHICS SYSTEM PROCESSOR	T.I.
5962-9162901MKA	3	100314DMQB	LINE RECEIVER, QUINT DIFFERENTIAL	National
5962-9162901MYA	3	100314FMQB	LINE RECEIVER, QUINT DIFFERENTIAL	National
5962-9163001MEA	1	CD54HCT4052F3A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL DIFFERENTIAL, TTL-COMPATIBLE INPUTS	Harris
5962-9163101MIA	1	LM122H/883	TIMER, PRECISION	National
5962-9163201MCA	1	LT1079MJ	OP AMP, QUAD, PRECISION	Linear
5962-9163202MCA	1	LT1079AMJ	OP AMP, QUAD, PRECISION	Linear
5962-9163203MGA	1	LT1078MH	OP AMP, QUAD, PRECISION	Linear
5962-9163203MPA	1	LT1078MJ8	OP AMP, QUAD, PRECISION	Linear
5962-9163204MGA	1	LT1078AMH	OP AMP, QUAD, PRECISION	Linear
5962-9163204MPA	1	LT1078AMJ8	OP AMP, QUAD, PRECISION	Linear
5962-9163401M2A	1	HA4-5221/883	OP AMP	Harris
5962-9163401MPA	1	HA7-5221/883	OP AMP	Harris
5962-9163402M2A	1	HA7-5222/883	OP AMP, DUAL	Harris
5962-9163402MPA	1	HA7-5222/883	OP AMP, DUAL	Harris
5962-9163901M2A	1	DS26C31ME/883	LINE DRIVER, QUAD DIFFERENTIAL	National
5962-9163901MEA	1	DS26C31MJ/883	LINE DRIVER, QUAD DIFFERENTIAL	National
5962-9163901MFA	1	DS26C31MW/883	LINE DRIVER, QUAD DIFFERENTIAL	National
5962-9163901Q2A	2	AM26C31MPKB	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
5962-9163901QEA	2	AM26C31MJB	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
5962-9163901QFA	2	AM26C31MWB	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
5962-9164001M2A	1	DS26C32AME/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-9164001MEA	1	DS26C32AMJ/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-9164001MFA	1	DS26C32AMW/883	LINE RECEIVER, QUAD DIFFERENTIAL	National
5962-9164001QEA	2	AM26C32MJB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-9164001QFA	2	AM26C32MWB	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
5962-9164101MJA	1	DP8572AMD/883	REAL TIME CLOCK	National
5962-9165301M2A	2	1644L		Linfinity
5962-9165301MCA	2	1644J	DRIVER, DUAL, HIGH-SPEED	Linfinity
5962-9165301MGA	2	1644T	DRIVER, DUAL, HIGH-SPEED	Linfinity
5962-9165301MPA	2	1644Y	DRIVER, DUAL, HIGH-SPEED	Linfinity
5962-9165401MKA	1(0)	100355DMQB	MULTIPLEXER/LATCH, QUAD 2-INPUT	National
5962-9165401MYA	1(0)	100355FMQB	MULTIPLEXER/LATCH, QUAD 2-INPUT	National
5962-9165501MKA	3	100363DMQB	MULTIPLEXER, DUAL 8-INPUT	National
5962-9165501MYA	3	100363FMQB	MULTIPLEXER, DUAL 8-INPUT	National
5962-9167101MFA	2	LM1575J-ADJ/883	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9167101MKA	1	LM1575K-ADJ/883	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
5962-9167101QYA	2	LM1575THADJ/883	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
5962-9167102QXA	2	LM1575HVKAD/883	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
5962-9167201MKA	2	LM1575K-5.0/883	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
5962-9167201QEA	2	LM1575J-5.0/883	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
5962-9167201QYA	2	LM1575TH5.0/883	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
5962-9167202QXA	2	LM1575HVK5/883	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN, HIGH VOLTAGE	National
5962-9167301QEA	2	LM1575J-12/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
5962-9167301QMA	2	LM1575K-12/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
5962-9167301QYA	2	LM1575TH12/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
5962-9167302QXA	2	LM1575HVK12/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
5962-9167401QEA	2	LM1575J-15/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
5962-9167401QMA	2	LM1575K-15/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
5962-9167401QYA	2	LM1575TH15/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
5962-9167402QXA	2	LM1575HVK15/883	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V, HIGH VOLTAGE	National
5962-9171601M2A	1	54F803M/B2AJC	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
5962-9171601MCA	1	54F803M/BCAJC	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
5962-9171601MDA	1	54F803M/BDAJC	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
5962-9172201M2A	1(0)	54ACT161LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
5962-9172201MEA	1(0)	54ACT161DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
5962-9172201MFA	1(0)	54ACT161FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
5962-9172301M2A	1(0)	54ACT163LMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
5962-9172301MEA	1(0)	54ACT163DMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
5962-9172301MFA	1(0)	54ACT163FMQB	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
5962-9172401M3A	3(4)	SNJ54BCT648FK	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T.I.
5962-9172401MKA	3(4)	SNJ54BCT648W	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T.I.
5962-9172401MLA	3(4)	SNJ54BCT648JT	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T.I.
5962-9172501M3A	2(2.0)	SNJ54BCT8373AFK	SCAN TEST DEVICE, WITH OCTAL D-TYPE LATCH, THREE-STATE OUTPUTS	T.I.
5962-9172501MLA	2(2.0)	SNJ54BCT8373AJT	SCAN TEST DEVICE, WITH OCTAL D-TYPE LATCH, THREE-STATE OUTPUTS	T.I.
5962-9172601M3A	2(2.0)	SNJ54BCT8244AFK	SCAN TEST DEVICE, WITH OCTAL BUFFER, THREE-STATE OUTPUTS	T.I.
5962-9172601MLA	2(2.0)	SNJ54BCT8244AJT	SCAN TEST DEVICE, WITH OCTAL BUFFER, THREE-STATE OUTPUTS	T.I.
5962-9172701Q3A	2(2.0)	SNJ54BCT8374AFK	SCAN TEST DEVICE, WITH OCTAL D-TYPE FLIP-FLOP, THREE-STATE OUTPUTS	T.I.
5962-9172701QLA	2(2.0)	SNJ54BCT8374AJT	SCAN TEST DEVICE, WITH OCTAL D-TYPE FLIP-FLOP, THREE-STATE OUTPUTS	T.I.
5962-9172801Q3A	2(2.0)	SNJ54BCT8245AFK	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, THREE-STATE OUTPUTS	T.I.
5962-9172801QLA	2(2.0)	SNJ54BCT8245AJT	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, THREE-STATE OUTPUTS	T.I.
5962-9172901MVA	1	LT1180MJ	TRANSCEIVER, DUAL RS-232, WITH SHUTDOWN	Linear
5962-9172902MEA	1	LT1181MJ	TRANSCEIVER, DUAL RS-232	Linear
5962-9172903MVA	3	LT1280MJ	TRANSCEIVER, DUAL RS-232, WITH SHUTDOWN	Linear
5962-9172904MEA	3	LT1281MJ	TRANSCEIVER, DUAL RS-232	Linear
5962-9173801M2A	3(4)	SNJ54F573FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
5962-9173801M2A	3	54F573LMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
5962-9173801MRA	3(4)	SNJ54F573J	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
5962-9173801MRA	3	54F573DMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
5962-9173801MSA	3(4)	SNJ54F573W	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
5962-9173801MSA	3	54F573FMQB	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
5962-9174601Q3A	3(4.0)	SNJ54BCT8240AFK	SCAN TEST DEVICE, WITH OCTAL BUFFER, INVERTING 3-STATE OUTPUTS	T.I.
5962-9174601QLA	3(4.0)	SNJ54BCT8240AJT	SCAN TEST DEVICE, WITH OCTAL BUFFER, INVERTING 3-STATE OUTPUTS	T.I.
5962-9175301M2A	3(4)	SNJ54F541FK	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
5962-9175301MRA	3(4)	SNJ54F541J	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
5962-9175301MSA	3(4)	SNJ54F541W	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
5962-9176201QYA	2	LM1575TH5.0/883	PIPELINE REGISTER, 4 X 8-BIT MULTILEVEL, 30 NS	National
5962-9176301QEA	1(<.5)	TL441	AMPLIFIER, LOGARITHMIC	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9201801MXA	2 (2.0)	SNJ54ACT16240WD	BUS DRIVER, 16-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
5962-9202201MXA	2 (2.0)	SNJ54ACT16244WD	BUS DRIVER, 16-BIT, 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9202301MXA	2 (2.0)	SNJ54ACT16245WD	BUS TRANSCIEVER. 16-BIT. WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9202401MXA	3 (4.0)	SNJ54ACT16373WD	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9202501MXA	3 (4.0)	SNJ54ACT16374WD	FLIP-FLOP, D-TYPE, 16-BIT, EDGE-TRIGGERED, 3-STATE OUTPUTS	T.I.
5962-9202601QZC	1	LORFXPC-Q49F	PROCESSOR, FIXED-POINT	Loral
5962-9202601VZC	1	LORFXPC-V49F	PROCESSOR, FIXED-POINT	Loral
5962-9204101M2A	1	92041012A	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
5962-9204101MEA	1	9204101EA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
5962-9204101MEA	2	DG441AK/883	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
5962-9204102M2A	1	92041022A	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
5962-9204102MEA	2	DG442AK/883	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
5962-9204102MEA	1	9204102EA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
5962-9204201MEA	2	DG408AK/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Harris
5962-9204201MEA	1	9204201EA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Siliconix
5962-9204201MEX	2	DG408AK/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Harris
5962-9204202MEA	1	9204202EA	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Siliconix
5962-9204202MEA	2	DG409AK/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Harris
5962-9204202MEX	2	DG409AK/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Harris
5962-9204601M2A	0 (0)	SNJ54LS628FK	VOLT. CONTROLLED OSCILLATOR	T.I.
5962-9204601M2A	1 (0)	SNJ54LS628FK	VOLT. CONTROLLED OSCILLATOR	T.I.
5962-9204601MCA	0 (0)	SNJ54LS628J	VOLT. CONTROLLED OSCILLATOR	T.I.
5962-9204601MCA	1 (0)	SNJ54LS628J	VOLT. CONTROLLED OSCILLATOR	T.I.
5962-9205801MXA	2 (2)	SMJ320C31GFAM27	DIGITAL SIGNAL PROCESSOR, 27 MHZ	T.I.
5962-9205801MYA	2 (2)	SMJ320C31HFGM27	DIGITAL SIGNAL PROCESSOR, 27 MHZ	T.I.
5962-9205802MXA	2 (2)	SMJ320C31GFAM33	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
5962-9205802MYA	2 (2)	SMJ320C31HFGM33	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
5962-9206601MXA	1	100329DMQB	ECL/TTL TRANSLATOR, OCTAL BI-DIRECTIONAL, WITH REGISTER	National
5962-9206601MYA	1	100329FMQB	ECL/TTL TRANSLATOR, OCTAL BI-DIRECTIONAL, WITH REGISTER	National
5962-9207501MYA	1 (0)	10H1042/BYAJC	CLOCK DRIVER, 68030/40 ECL/TTL	Motorola
5962-9207502MYA	1 (0)	100H1042/BYAJC	CLOCK DRIVER, 68030/40 ECL/TTL, TEMPERATURE COMPENSATED	Motorola
5962-9207901MPA	2	LT1172MJ8	SWITCHING REGULATOR, 100 KHZ, WITH INTERNAL 1.25A SWITCH	Linear
5962-9208001MPA	1	LTC485MJ8	BUS TRANSCIEVER, DIFFERENTIAL, RS485	Linear
5962-9209001M3A	2	54F827LMQB	BUFFER/LINE DRIVER, 10-BIT	National
5962-9209001MKA	2	54F827FMQB	BUFFER/LINE DRIVER, 10-BIT	National
5962-9209001MLA	2	54F827SDMQB	BUFFER/LINE DRIVER, 10-BIT	National
5962-9209301MCA	1	LMC660AMJ/883	OP AMP, QUAD	National
5962-9209302MCA	1	LPC660AMJ/883	OP AMP, QUAD, LOW-POWER	National
5962-9209303MCA	1	LMC660AMJ/883	OP AMP, QUAD	National
5962-9209401MFA	2	LMC662AMJ/883	OP AMP, DUAL	National
5962-9209402MFA	2	LPC662AMJ/883	OP AMP, DUAL, LOW-POWER	National
5962-9209403MFA	2	LMC662AMJ/883	OP AMP, DUAL	National
5962-9209701MXC	1 (.5)	HSP43891GM-20/883	FILTER, DIGITAL	Harris
5962-9209701MXC	1	HSP43891GM-20/883	FILTER, DIGITAL	Harris
5962-9209702MXC	1	HSP43891GM-25/883	FILTER, DIGITAL	Harris
5962-9211801MXA		UT69151GBX	BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
5962-9211801MXC		UT69151GBX	BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
5962-9211801MYA		UT69151WBX	BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
5962-9211801MYC		UT69151WBX	BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
5962-9214701M2A	1	54ABT244E/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214701MRA	1	54ABT244J/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214701MSA	1	54ABT244W/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214701Q2A	1	54ABT244E/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214701QRA	1	54ABT244J/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214701QSA	1	54ABT244W/883	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214801M2A	3 (4)	SNJ54ABT245FK	BUS TRANSCIEVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9214801MRA	3 (4)	SNJ54ABT245J	BUS TRANSCIEVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9214801MSA	3 (4)	SNJ54ABT245W	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9214801Q2A	2	54ABT245E/883	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214801QRA	2	54ABT245J/883	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214801QSA	2	54ABT245W/883	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9214802Q2A	2	SNJ54ABT245AFK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9214802QRA	2	SNJ54ABT245AJ	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9214802QSA	2	SNJ54ABT245AW	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9215601MXA	1 (1)	TPC1280MGB176B	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
5962-9215601MYA	1 (1)	TPC1280MHFG172B	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
5962-9215602MXA	1 (1)	TPC1280MGB176B-1	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
5962-9215602MYA	1 (1)	TPC1280MHFG172B-1	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
5962-9216501MZA	1	LM6162E/883	OP AMP, HIGH-SPEED	National
5962-9216501MHA	1	LM6162W/883	OP AMP, HIGH-SPEED	National
5962-9216501MPA	1	LM6162J/883	OP AMP, HIGH-SPEED	National
5962-9216601MXA	3	LM1577K-ADJ/883	VOLT. REGULATOR, ADJUSTABLE STEP-UP	National
5962-9216601QYA	3	LM1577TH-ADJ/883	VOLT. REGULATOR, ADJUSTABLE STEP-UP	National
5962-9216701MXA	3	LM1577K-12/883	VOLT. REGULATOR, FIXED, POSITIVE, 12V, STEP-UP	National
5962-9216801MXA	3	LM1577K-15/883	VOLT. REGULATOR, FIXED, POSITIVE, 15V, STEP-UP	National
5962-9217401MZA	3	54AC2525LMQB	CLOCK DRIVER, MINIMUM SKEW	National
5962-9217401MCA	3	54AC2525DMQB	CLOCK DRIVER, MINIMUM SKEW	National
5962-9217401MDA	3	54AC2525FMQB	CLOCK DRIVER, MINIMUM SKEW	National
5962-9217601MZA	3	54ACQ244LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-9217601MRA	3	54ACQ244DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-9217601MSA	3	54ACQ244FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
5962-9217701MZA	3	54ACQ245LMQB	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217701MRA	3	54ACQ245DMQB	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217701MSA	3	54ACQ245FMQB	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217801MZA	3	54ACQ373LMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217801MRA	3	54ACQ373DMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217801MSA	3	54ACQ373FMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9217901MZA	3	54ACQ374LMQB	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
5962-9217901MRA	3	54ACQ374DMQB	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
5962-9217901MSA	3	54ACQ374FMQB	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
5962-9218001MZA	3	54ACQ573LMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9218001MRA	3	54ACQ573DMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9218001MSA	3	54ACQ573FMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9218101MZA	1 (0)	54ACTQ02LMQB	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218101MCA	1 (0)	54ACTQ02DMQB	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218101MDA	1 (0)	54ACTQ02FMQB	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218201MZA	2	54ACTQ10LMQB	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218201MCA	2	54ACTQ10DMQB	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218201MDA	2	54ACTQ10FMQB	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
5962-9218301MZA	1 (0)	54ACTQ14LMQB	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
5962-9218301MCA	1 (0)	54ACTQ14DMQB	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
5962-9218301MDA	1 (0)	54ACTQ14FMQB	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
5962-9218401MZA	3	54ACTQ240LMQB	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218401MRA	3	54ACTQ240DMQB	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218401MSA	3	54ACTQ240FMQB	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218501MZA	3	54ACTQ241LMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218501MRA	3	54ACTQ241DMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218501MSA	3	54ACTQ241FMQB	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218601MZA	3	54ACTQ244LMQB	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-9218601MRA	3	54ACTQ244DMQB	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-9218601MSA	3	54ACTQ244FMQB	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-9218701MZA	3	54ACTQ245LMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
5962-9218701MRA	3	54ACTQ245DMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
5962-9218701MSA	3	54ACTQ245FMQB	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
5962-9218801M2A	1 (0)	54ACTQ373LMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218801MRA	1 (0)	54ACTQ373DMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218801M3A	1 (0)	54ACTQ373FMQB	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218901M2A	1 (0)	54ACTQ374LMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218901MRA	1 (0)	54ACTQ374DMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9218901MSA	1 (0)	54ACTQ374FMQB	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219001M2A	3	54ACTQ377LMQB	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-9219001MRA	3	54ACTQ377DMQB	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-9219001MSA	3	54ACTQ377FMQB	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
5962-9219401M2A	1 (0)	54ACTQ573LMQB	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219401MRA	1 (0)	54ACTQ573DMQB	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219401MSA	1 (0)	54ACTQ573FMQB	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219601M3A	3	54ACTQ646LMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219601M3A	3	54ACTQ646SLMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219601MKA	3	54ACTQ646SDMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219601MKA	3	54ACTQ646SDMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219601MLA	3	54ACTQ646FMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219601MLA	3	54ACTQ646FSMQB	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9219701M3A	2	54ACTQ657LMQB	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-9219701MKA	2	54ACTQ657FMQB	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-9219701MLA	2	54ACTQ657SDMQB	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
5962-9219901M3A	3	54ACTQ827LMQB	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219901MKA	3	54ACTQ827FMQB	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9219901MLA	3	54ACTQ827SDMQB	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9220001M3A	1 (0)	54ACTQ841LMQB	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9220001MKA	1 (0)	54ACTQ841FMQB	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9220001MLA	1 (0)	54ACTQ841SDMQB	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9220101M2A	3	54AC280LMQB	PARITY GENERATOR/CHECKER, 9-BIT	National
5962-9220101MCA	3	54AC280DMQB	PARITY GENERATOR/CHECKER, 9-BIT	National
5962-9220101MDA	3	54AC280FMQB	PARITY GENERATOR/CHECKER, 9-BIT	National
5962-9230601MKA	2	100336DMQB	COUNTER/SHIFT REGISTER, 4-STAGE	National
5962-9230601MYA	2	100336FMQB	COUNTER/SHIFT REGISTER, 4-STAGE	National
5962-9231402Q3A	1	SNJ54ABT543AFK	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
5962-9231402QKA	1	SNJ54ABT543AW	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
5962-9231402QLA	1	SNJ54ABT543AJT	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
5962-9231701M3A	1 (0)	DS1776E/883	BUS TRANSCEIVER, 8-BIT, PI-BUS	National
5962-9231701MKA	1 (0)	DS1776J/883	BUS TRANSCEIVER, 8-BIT, PI-BUS	National
5962-9231801MKA	3	35164/BPAJC	SENSING CIRCUIT, UNDERVOLTAGE	Motorola
5962-9231901M2A	1 (0)	SNJ54LS136FK	EXCLUSIVE-OR GATE, QUAD	T.I.
5962-9231901MCA	1 (0)	SNJ54LS136J	EXCLUSIVE-OR GATE, QUAD	T.I.
5962-9231901MDA	1 (0)	SNJ54LS136W	EXCLUSIVE-OR GATE, QUAD	T.I.
5962-9232501MKA	1	LMD10200-2D/003	II DRIDOE	National
5962-9232701MYA	1	10E511/BYAJC	CLOCK DRIVER, 1-TO-9-DIFFERENTIAL	Motorola
5962-9232702MYA	1	100E511/BYAJC	CLOCK DRIVER, 1-TO-9-DIFFERENTIAL, TEMPERATURE COMPENSATED	Motorola
5962-9232901QRA	3	ADC10061CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
5962-9232901QRX	3	ADC10061CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
5962-9232902QJX	3	ADC10062CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9232902QRA	3	ADC10062CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
5962-9232903QXA	3	ADC10064CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
5962-9232903QXX	3	ADC10064CMJ/883	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
5962-9233301MMA	1	87C552/BMA	MICROCONTROLLER, 8-BIT EPROM, WITH 10-BIT A/D, CAPTIVE/COMPARE TIMER	Philips
5962-9233601MEA	2	LP2953AMJ/883	VOLT. REGULATOR, ADJUSTABLE MICROPOWER LOW-DROPOUT	National
5962-9234301MYA	1	10E516/BYAJC	LINE RECEIVER, QUINT DIFFERENTIAL	Motorola
5962-9234301MZA	1	10E516/BZAJC	LINE RECEIVER, QUINT DIFFERENTIAL	Motorola
5962-9234302MYA	1	100E516/BYAJC	LINE RECEIVER, QUINT DIFFERENTIAL, TEMPERATURE COMPENSATED	Motorola
5962-92A0201QYX	1	1056A2	MICROCONTROLLER, COMMON	AT & T
5962-92A0301QYX	1	1056B2	ASIC, CONTROL BUS INTERFACE/FUNCTIONAL BUILT-IN TEST	AT & T
5962-92A0401QYX	1	1056C	INPUT/OUTPUT PORT, PARALLEL	AT & T
5962-92A0501QYX	1	1056D2	MEMORY CONTROLLER, BULK	AT & T
5962-92A0601QYX	1	1056E	OPERAND MEMORY	AT & T
5962-92A0701QYX	1	1056F	OPERAND MEMORY, DUAL MULTIPLEXER	AT & T
5962-92A0801QYX	1	1056G	CACHE/BUS CONTROLLER	AT & T
5962-92A0901QYX	1	1056H2	PROTEUS DIGITAL CHANNEL	AT & T
5962-92A1001QYX	1	1056J	ARITHMETIC UNIT, ISC	AT & T
5962-92A1101QYA	1	1056K	CHANNEL PROCESSOR INFORMATION, ASIC	AT & T
5962-92A1201QYA	1	1056L	ASIC, INPUT CONTROLLER	AT & T
5962-92A1301QYA	1	1056T	HIGH-SPEED CHANNEL, ASIC	AT & T
5962-92A1401QYA	1	1056S	MEMORY CONTROLLER, DUAL PORT	AT & T
5962-92A1501QYA	1	1056W	DMA CONTROLLER	AT & T
5962-92A1601QYA	1	1056U	LOW LEVEL SERIAL, ASIC	AT & T
5962-92A1701QYX	1	1057A	SWITCH, ASIC	AT & T
5962-92A1801QYX	1	1057C	SEQUENCER, ASIC	AT & T
5962-92A1901QYX	1	1057D	ERROR DETECTION/CORRECTION CKT	AT & T
5962-92A2001QYA	1	1057E	MEMORY DATA INTERFACE/CU DATA INTERFACE	AT & T
5962-92A2101QYX	1	1057F	D/A CONVERTER, ISC	AT & T
5962-92A2201QYX	1	1057G	ADDRESS CONTROLLER	AT & T
5962-9300201MPA	1	LM612AMJ/883	COMPARATOR AND REFERENCE, DUAL-CHANNEL	National
5962-9300301MZA	1	LM613AME/883	OP AMP, DUAL, WITH DUAL COMPARATORS AND ADJUSTABLE REFERENCE	National
5962-9300301MEA	1	LM613AMJ/883	OP AMP, DUAL, WITH DUAL COMPARATORS AND ADJUSTABLE REFERENCE	National
5962-9300401MEA	1	LM614AMJ/883	OP AMP, QUAD, WITH VOLTAGE REFERENCE	National
5962-9300701MXC	1	HSP48908GM-20/883	CONVOLVER, TWO-DIMENSIONAL	Harris
5962-9300702MXC	1	HSP48908GM-27/883	CONVOLVER, TWO-DIMENSIONAL	Harris
5962-9305701MPA	2.00	LTC1291BMJ8	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305702MPA	2.00	LTC1292BMJ8	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305703MPA	2.00	LTC1293BMJ	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305704MRA	2.00	LTC1294BMJ	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305705MPA	2.00	LTC1291CMJ8	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305706MPA	2.00	LTC1292CMJ8	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305707MEA	2.00	LTC1293CMJ	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305708MRA	2.00	LTC1294CMJ	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305709MPA	2.00	LTC1291DMJ8	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305710MPA	2.00	LTC1292DMJ8	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305711MEA	2.00	LTC1293DMJ	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9305712MRA	2.00	LTC1294DMJ	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
5962-9306301MZA	1	HA4-5340/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-9306301MCA	1	HA1-5340/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-9306302MZA	1	HA4-5320/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-9306302MCA	1	HA1-5320/883	SAMPLE AND HOLD AMPLIFIER	Harris
5962-9309501MEA	1	HA1-2444/883	OP AMP, FOUR-CHANNEL, SELECTABLE VIDEO	Harris
5962-9309701MZA	2	54ACT715LMQB	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
5962-9309701MRA	2	54ACT715DMOB	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
5962-9309702MZA	3	54ACT715-RLMQB	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
5962-9309702MRA	3	54ACT715-RDMQB	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
5962-9309801MYA	1	10E416/BYAJC	BINARY COUNTER, 8-BIT SYNCHRONOUS UP	Motorola
5962-9309802MYA	1	100E416/BYAJC	BINARY COUNTER, 8-BIT SYNCHRONOUS UP, TEMPERATURE COMPENSATED	Motorola
5962-9309901MYA	1	10E501/BYAJC	OR/NOR GATE, QUAD 4-INPUT	Motorola
5962-9309902MYA	1	100E501/BYAJC	OR/NOR GATE, QUAD 4-INPUT, TEMPERATURE-COMPENSATED	Motorola
5962-9310001MYA	1	10E504/BYAJC	AND/NAND GATE, QUINT 2-INPUT	Motorola
5962-9310002MYA	1	100E504/BYAJC	AND/NAND GATE, QUINT 2-INPUT, TEMPERATURE-COMPENSATED	Motorola
5962-9310101MYA	1	10E507/BYAJC	EXCLUSIVE OR/EXCLUSIVE NOR GATE, QUINT 3 INPUT	Motorola
5962-9310102MYA	1	100E507/BYAJC	EXCLUSIVE-OR/EXCLUSIVE-NOR GATE, QUINT 2-INPUT, TEMPERATURE-COMPENSATED	Motorola
5962-9310201MYA	1	10E531/BYAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
5962-9310202MYA	1	100E531/BYAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
5962-9310401MYA	1	10E551/BYAJC	REGISTER, D-TYPE, 6-BIT	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	RSD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9310402MYA	1	100E551/BYAJC	REGISTER, D-TYPE, 6-BIT, TEMPERATURE-COMPENSATED	Motorola
5962-9310501MXA		80486DX-25	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 25 MHZ	Intel
5962-9310501MYA		80486DX-25	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 25 MHZ	Intel
5962-9310502MXA		80486DX-33	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 33 MHZ	Intel
5962-9310502MYA		80486DX-33	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 33 MHZ	Intel
5962-9310503QXA	1	MG80486DX2-50	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
5962-9310503QXA	1	MG80486DX2-50/Q	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
5962-9310503QYA	1	MQ80486DX2-50	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
5962-9310504QXA	1	MG80486DX2-66	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 66 MHZ	Intel
5962-9310504QXA	1	MQ80486DX2-66	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 66 MHZ	Intel
5962-9311101M2A	1	10592M/B2AJC	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
5962-9311101MEA	1	10592/BFAJC	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
5962-9311101MFA	1	10592/BFAJC	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
5962-9311501MXA	3	SCAN18245TFMQB	TRANSCEIVER, NON-INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9311601MXA	3	SCAN18541TFMQB	LINE DRIVER, NON-INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS/OUTPUTS	National
5962-9311801MXA	3	SCAN18373TFMQB	LATCH, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9311901MYA	2	LT1076MK	VOLT. REGULATOR, SWITCHING, STEP-DOWN	Linear
5962-9311902MYA	2	LT1076HVMK	VOLT. REGULATOR, SWITCHING, STEP-DOWN	Linear
5962-9312701MXA	3	SCAN18540TFMQB	LINE DRIVER, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9314101M3A	3	54ACT899LMQB	TRANSCEIVER, 9-BIT, WITH PARITY GENERATOR/CHECKER, 3-STATE OUTPUTS	National
5962-9314101MXA	3	54ACT899DMQB	TRANSCEIVER, 9-BIT, WITH PARITY GENERATOR/CHECKER, 3-STATE OUTPUTS	National
5962-9314701Q2A	1	SNJ54ABT534FK	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9314701QRA	1	SNJ54ABT534J	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9314701QSA	1	SNJ54ABT534W	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9314801Q2A		SNJ54ABT377FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
5962-9314801QRA		SNJ54ABT377J	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
5962-9314801QSA		SNJ54ABT377W	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
5962-9314901M2A	2	54ABT374E/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901MRA	2	54ABT374J/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901MSA	2	54ABT374W/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901Q2A	2	54ABT374E/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901Q2A	2(2.0)	SNJ54ABT374FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9314901QRA	2	54ABT374J/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901QRA	2(2.0)	SNJ54ABT374J	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9314901QSA	2	54ABT374W/883	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
5962-9314901QSA	2(2.0)	SNJ54ABT374W	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
5962-9315001MXA	1	96002-33/BZAJC	PROCESSOR, FLOATING-POINT, 96-BIT, DUAL PORT	Motorola
5962-9317401MXA	3(4.0)	SNJ54ABT16244WD	BUFFER/DRIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
5962-9317501MXA	1(1)	SNJ54ABT16245WD	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9318301Q2A	2	SNJ55LBC176FK	BUS TRANSCEIVER, DIFFERENTIAL	T.I.
5962-9318301QPA	2	SNJ55LBC176JG	BUS TRANSCEIVER, DIFFERENTIAL	T.I.
5962-9318401MPA	3	LT1229MJ8	CURRENT FEEDBACK AMPLIFIER, DUAL	Linear
5962-9318402MCA	3	LT1230MJ	CURRENT FEEDBACK AMPLIFIER, QUAD	Linear
5962-9318601M3A	1(.5)	SNJ54ABT8245FK	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
5962-9318601MLA	1(.5)	SNJ54ABT8245JT	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
5962-9318801M2A	1(.5)	SNJ54ABT240FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9318801MRA	1(.5)	SNJ54ABT240J	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9318801MSA	1(.5)	SNJ54ABT240W	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9319001MPA	1	LT1241MJ8	PULSE WIDTH MODULATOR, CONTROLLED	Linear
5962-9319002MPA	1	LT1242MJ8	PULSE WIDTH MODULATOR, CONTROLLED	Linear
5962-9319003MPA	1	LT1243MJ8	PULSE WIDTH MODULATOR, CONTROLLED	Linear
5962-9319004MPA	1	LT1244MJ8	PULSE WIDTH MODULATOR, CONTROLLED	Linear
5962-9319005MPA	1	LT1245MJ8	PULSE WIDTH MODULATOR, CONTROLLED	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9319501MXC	2	LMD12458MEL/883	DATA ACQUISITION SYSTEM, 12-BIT, + SIGN, W/SELF CALIBRATION	National
5962-9319501MYA	2	LMD12458MW/883	DATA ACQUISITION SYSTEM, 12-BIT, + SIGN, W/SELF CALIBRATION	National
5962-9319601QYA	1	88915-55/BYAJC	CLOCK DRIVER, LOW-SKEW PLL, 55 MHZ	Motorola
5962-9319601QZA	1	88915-55/BZAJC	CLOCK DRIVER, LOW-SKEW PLL, 55 MHZ	Motorola
5962-9319901MXA	2(2)	SNJ54ABT16240WD	BUFFER/DRIVER, 16-BIT, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9319901MXA	2(2)	SNJ54ABT16240WD	BUFFER/DRIVER, 16-BIT, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9320001QXA	1(1)	SNJ54ABT16373AWD	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9320101MXA	3(4.0)	SNJ54ABT16374AWD	FLIP-FLOP, D-TYPE, 16-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
5962-9320701MXA	3	SCAN18374TFMQB	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9321001MCA	1	MM78C29J/883	LINE DRIVER, QUAD SINGLE-ENDED	National
5962-9321101MCA	1	DS78C20J/883	LINE RECEIVER, DUAL DIFFERENTIAL	National
5962-9321201MPA	2	LT1111MJ8	DC/DC CONVERTER, MICROPOWER	Linear
5962-9321601Q2A	1(.5)	TLE2141MFKB	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321601QPA	1(.5)	TLE2141MJGB	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321602Q2A	1(.5)	TLE2141AMFKB	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321602QPA	1(.5)	TLE2141AMJGB	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321603Q2A	1(.5)	TLE2142MFKB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321603QHA	1(.5)	TLE2142MUB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321603QPA	1(.5)	TLE2142MJGB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321604Q2A	1(.5)	TLE2142AMFKB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321604QHA	1(.5)	TLE2142AMUB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321604QPA	1(.5)	TLE2142AMJGB	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321605Q2A	1(.5)	TLE2144MFKB	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321605QCA	1(.5)	TLE2144MJB	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321606Q2A	1(.5)	TLE2144AMFKB	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321606OCA	1(.5)	TLE2144AMJB	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
5962-9321701Q2A	2(2.0)	SNJ54ABT273FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
5962-9321701QRA	2(2.0)	SNJ54ABT273J	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
5962-9321701QSA	2(2.0)	SNJ54ABT273W	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
5962-9321801Q2A	2	SNJ54ABT373FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9321801Q2A	3	54ABT373E/883	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9321801QRA	2	SNJ54ABT373J	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9321801QRA	3	54ABT373J/883	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9321801QSA	2	SNJ54ABT373W	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9321801QSA	3	54ABT373W/883	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9321901Q2A	2	SNJ54ABT573FK	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9321901QRA	2	SNJ54ABT573J	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9321901QSA	2	SNJ54ABT573W	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9322001Q2A		SNJ54ABT574FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9322001QRA		SNJ54ABT574J	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9322001QSA		SNJ54ABT574W	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9322401MPA	2	LT1120MJ8	VOLT. REGULATOR, WITH COMPARATOR AND SHUTDOWN	Linear
5962-9322701Q2A	1(1)	SNJ54ABT241FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL-COMPATIBLE INPUTS	T.I.
5962-9322701QRA	1(1)	SNJ54ABT241J	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL-COMPATIBLE INPUTS	T.I.
5962-9322701QSA	1(1)	SNJ54ABT241W	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL-COMPATIBLE INPUTS	T.I.
5962-9323801MCA	3.00	LT1125MJ	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	Linear
5962-9323802MPA	3.00	LT1124MJ8	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
5962-9323803MCA	3.00	LT1124AMJ	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	Linear
5962-9323804MPA	3.00	LT1125AMJ8	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	Linear
5962-9323901Q3A	1(.5)	SNJ54ACT8997FK	SCAN PATH LINKER, WITH 4-BIT IDENTIFICATION BUSES	T.I.
5962-9323901QXA	1(.5)	SNJ54ACT8997JT	SCAN PATH LINKER, WITH 4-BIT IDENTIFICATION BUSES	T.I.
5962-9324101MXA	1(1)	SNJ54ABT16543WD	TRANSCEIVER, 16-BIT, REGISTERED, WITH 3-STATE OUTPUTS	T.I.
5962-9324202Q3A	2	SNJ54ABT652AFK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9324202QKA	2	SNJ54ABT652AW	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9324202QLA	2	SNJ54ABT652AJ	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9325001M2A	3	54F2244BLMQB	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
5962-9325001MRA	3	54F2244BDMQB	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
5962-9325001MSA	3	54F2244BFMQB	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
5962-9325101M2A	1	HA4-2546/883	MULTIPLIER, 2-QUADRANT	Harris
5962-9325101MEA	1	HA1-2546/883	MULTIPLIER, 2-QUADRANT	Harris
5962-9325301B2A	3	JM54AC125B2A	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9325301BCA	3	JM54AC125BCA	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9325301BDA	3	JM54AC125BDA	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9325301S2A	3	JM54AC125S2A	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9325301SCA	3	JM54AC125SCA	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9325301SDA	3	JM54AC125SDA	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
5962-9450101QXA	1	SNJ54ABT16241WD	BUFFER/DRIVER, 16-BIT, NON-INVERTING, W/ 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9450201QXA	3	SNJ54ABT16646WD	BUS TRANSCEIVER/REGISTER, 16-BIT, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9450801Q3A	2(2.0)	SNJ54ABT823FK	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9450801QKA	2(2.0)	SNJ54ABT823W	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9450801QLA	2(2.0)	SNJ54ABT823J	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9450901Q3A	1(1)	SNJ54ABT827FK	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9450901QKA	1(1)	SNJ54ABT827W	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9450901QLA	1(1)	SNJ54ABT827JT	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9451601MPA	2	LT118AJ8	OP AMP, HIGH-SPEED	Linear
5962-9452601Q2A	1(<.5)	LM193FKB	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
5962-9452602MGA	1	LM193AH/883	VOLT. COMPARATOR, DUAL DIFFERENTIAL	National
5962-9452801QXA	2	54ACTQ16374FMQB	FLIP-FLOP, D-TYPE, 16-BIT, TS	National
5962-9452801QXA	2	54ACTQ16374FMQB	FLIP-FLOP, D-TYPE, 16-BIT, TS	National
5962-9453401MPA	2	LMC6482AMJ/883	OP AMP, DUAL, LOW-POWER	National
5962-9453402MCA	2	LMC6484AMJ/883	OP AMP, QUAD, LOW-POWER	National
5962-9454201QYA	1	MQ82596CA-25/Q	LOCAL AREA NETWORK COPROCESSOR, 32-BIT	Intel
5962-9455301M2A	1(1)	HA4-5134/883	OP AMP, QUAD, PRECISION	Harris
5962-9455301MCA	1(1)	HA1-5134/883	OP AMP, QUAD, PRECISION	Harris
5962-9455701QQA	1	MC28F008	PROM, ELECTR. ERASABLE, 1M X 8	Intel
5962-9455701QXA	1	MF28F008	PROM, ELECTR. ERASABLE, 1M X 8	Intel
5962-9455702QQA	1	MC28F008	PROM, ELECTR. ERASABLE, 1M X 8	Intel
5962-9455702QXA	1	MF28F008	PROM, ELECTR. ERASABLE, 1M X 8	Intel
5962-9455801QXA	2(2)	SMJ320C50AGFAM40	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
5962-9455801QYA	2(2)	SMJ320C50AHFGM40	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
5962-9455802QXA	2(2)	SMJ320C50AGFAM50	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
5962-9455802QYA	2(2)	SMJ320C50AHFGM50	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
5962-9455901Q2A	1	54F13M/B2AJC	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
5962-9455901QCA	1	54F13/BCAJC	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
5962-9455901QDA	1	54F13/BD AJC	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
5962-9456101MGA	2	LM169H/883	VOLTAGE REFERENCE, PRECISION	National
5962-9456101MGA	2	LM169H/883	VOLTAGE REFERENCE, PRECISION	National
5962-9456201M2A	1	HI4-0222/883	VIDEO SWITCH, HIGH-FREQUENCY	Harris
5962-9456201MCA	1(.5)	HI1-0222/883	VIDEO SWITCH, HIGH-FREQUENCY	Harris
5962-9456401QXA	1	56002-40/BCAJC	DIGITAL SIGNAL PROCESSOR, 24-BIT GENERAL PURPOSE	Motorola
5962-9457301MXC	1(1)	HSP48410GM-25/883	HISTOGRAMMER/ACCUMULATING BUFFER	Harris
5962-9457302MXC	1(1)	HSP48410GM-33/883	HISTOGRAMMER/ACCUMULATING BUFFER	Harris
5962-9457401QXA	2	SNJ54FB2033WD	TRANSCEIVER, 8-BIT TTL/DTL	T.I.
5962-9457601MYA	2.00	LT1074MK	VOLT. REGULATOR, SWITCHING	Linear
5962-9457602MYA	2.00	LT1074HVMK	VOLT. REGULATOR, SWITCHING	Linear
5962-9457701Q3A	3	54ABT646E/883	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9457701QKA	3	54ABT646W/883	BUS TRANSCEIVER/REGISTER, 8 BIT, WITH 3 STATE OUTPUTS,	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9457701QLA	3	54ABT646J/883	TTL-COMPATIBLE INPUTS BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS,	National
5962-9457702Q3A	3	SNJ54ABT646AFK	TTL-COMPATIBLE INPUTS BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS,	T.I.
5962-9457702QKA	3	SNJ54ABT646AW	TTL-COMPATIBLE INPUTS BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS,	T.I.
5962-9457702QLA	3	SNJ54ABT646AJT	TTL-COMPATIBLE INPUTS BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS,	T.I.
5962-9457901MXA	3	100351DMQB	FLIP-FLOP, TYPE-D, HEX, LOW-POWER	National
5962-9457901MYA	3	100351FMQB	FLIP-FLOP, TYPE-D, HEX, LOW-POWER	National
5962-9458601Q3A	3	SNJ54ABT8646FK	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
5962-9458601QXA	3	SNJ54ABT8646JT	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
5962-9458701QXA	2(2.0)	SNJ54ABT162244WD	BUFFER/DRIVER, 16-BIT, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9459001MXA	3	100307DMQB	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
5962-9459001MXA	3	100307DMQB	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
5962-9459001MYA	3	100307FMQB	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
5962-9459001MYA	3	100307FMQB	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
5962-9459101MXA	3	100341DMQB	SHIFT REGISTER, 8-BIT, LOW-POWER	National
5962-9459101MYA	3	100341FMQB	SHIFT REGISTER, 8-BIT, LOW-POWER	National
5962-9459201MXA	3	100364DMQB	MULTIPLEXER, 16-INPUT, LOW-POWER	National
5962-9459201MYA	3	100364FMQB	MULTIPLEXER, 16-INPUT, LOW-POWER	National
5962-9460001MPA	1.00	LTC1051MJ8	OP AMP, DUAL, PRECISION, CHOPPER-STABILIZED	Linear
5962-9460002MPA	1.00	LTC1051AMJ8	OP AMP, DUAL, PRECISION, CHOPPER-STABILIZED	Linear
5962-9460101QXA	2	SNJ54ABT18245WD	SCAN TEST DEVICE, WITH 18-BIT BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
5962-9460201Q2A	1	TLE2071MFKB	OP AMP, JFET-INPUT	T.I.
5962-9460201QPA	1	TLE2071MJGB	OP AMP, JFET-INPUT	T.I.
5962-9460202Q2A	1	TLE2072MFKB	OP AMP, DUAL, JFET-INPUT	T.I.
5962-9460202QPA	1	TLE2072MJGB	OP AMP, DUAL, JFET-INPUT	T.I.
5962-9460203Q2A	1	TLE2074MFKB	OP AMP, DUAL, JFET-INPUT	T.I.
5962-9460203QCA	1	TLE2074MJB	OP AMP, DUAL, JFET-INPUT	T.I.
5962-9460301MCA	2	LM6182AMJ/883	CURRENT FEEDBACK AMPLIFIER, HIGH OUTPUT CURRENT, HIGH FREQUENCY	National
5962-9460401MPA	2	LMC6061AMJ-SMD	OP AMP, DUAL, MICROPOWER	National
5962-9461501Q3A		SNJ54ABT8543FK	SCAN TEST DEVICE, WITH OCTAL REGISTERED BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
5962-9461501QXA		SNJ54ABT8543JT	SCAN TEST DEVICE, WITH OCTAL REGISTERED BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
5962-9461601Q3A	3	SNJ54ABT8652FK	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
5962-9461601QXA	3	SNJ54ABT8652JT	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
5962-9461801Q2A	3	SNJ54ABT623AFK	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9461801QRA	3	SNJ54ABT623AJ	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9461801QSA	3	SNJ54ABT623AW	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9464201QYC	1	68902A/BYCJC	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
5962-9464201QZA	1	68902A/BZAJC	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
5962-9464201QZC	1	68902A/BZCJC	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
5962-9466901QXA	1(1.5)	SMJ320C40GFM33	DIGITAL SIGNAL PROCESSOR, 33MHZ	T.I.
5962-9466901QYA	1(1.5)	SMJ320C40HFHM33	DIGITAL SIGNAL PROCESSOR, 33MHZ	T.I.
5962-9466902QXA	1(1.5)	SMJ320C40GFM40	DIGITAL SIGNAL PROCESSOR, 40MHZ	T.I.
5962-9466902QYA	1(1.5)	SMJ320C40HFHM40	DIGITAL SIGNAL PROCESSOR, 40MHZ	T.I.
5962-9467101QXA	2	SNJ54ABT16601WD	DRIVER-RECEIVER (UNIVERSAL TRANSCEIVER) 18-BIT WITH 3-STATE OUTPUTS, TTL INPUTS	T.I.
5962-9467201QXA	3	SNJ54ABT18502HV	SCAN TEST DEVICE, WITH 18-BIT UNIVERSAL BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
5962-9467301Q2A	1(1)	SNJ54ABT2244FK	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9467301QRA	1(1)	SNJ54ABT2244J	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9467301QSA	1(1)	SNJ54ABT2244W	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9467601MPA	1	HFA1100MJ/883	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED	Harris
5962-9467701M2A	1	HFA1130ML/883	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED, OUTPUT CLAMPING	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-9467701MPA	1	HFA1130MJ/883	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED, OUTPUT CLAMPING	Harris
5962-9467801MXA	1 (1)	H11-5700S/883	A/D CONVERTER, 8-BIT, FLASH, 20 MSPS	Harris
5962-9468201M2A	1	HFA1113MT./883	BUFFER AMPLIFIER, PROGRAMMABLE GAIN, HIGH SPEED, OUTPUT CLAMPING	Harris
5962-9468201MPA	1	HFA1113MJ/883	BUFFER AMPLIFIER, PROGRAMMABLE GAIN, HIGH SPEED, OUTPUT CLAMPING	Harris
5962-9468301MPA	1	HFA1110MJ/883	BUFFER AMPLIFIER, CLOSED LOOP, LOW DISTORTION, UNITY GAIN, 750 MHZ	Harris
5962-9468501MPA	1	HFA11220MJ/883	OP AMP, CURRENT FEEDBACK, HIGH SPEED	Harris
5962-9469101Q3A	1 (1)	SNJ54ABT821FK	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9469101QKA	1 (1)	SNJ54ABT821W	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9469101QLA	1 (1)	SNJ54ABT821JT	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
5962-9469201Q2A	3 (4.0)	TLC2262MPKB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9469201QHA	3 (4.0)	TLC2262MUB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9469201QPA	3 (4.0)	TLC2262MJGB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9469202Q2A	3 (4.0)	TLC2264MPKB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9469202QCA	3 (4.0)	TLC2264MJB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9469202QDA	3 (4.0)	TLC2264MWB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9469301Q2A	1	TLC5602MPKB	D/A CONVERTER, 8-BIT, VIDEO, HIGH SPEED, LOW POWER	T.I.
5962-9469301QRA	1	TLC5602MJB	D/A CONVERTER, 8-BIT, VIDEO, HIGH SPEED, LOW POWER	T.I.
5962-9469401MPA	1 (5)	HA7-2842/883	OP AMP, WIDEBAND, HIGH SLEW RATE, VIDEO	Harris
5962-9469501MYA	2.00	LT1185MK	VOLT. REGULATOR, NEGATIVE, LOW DROPOUT, 3A	Linear
5962-9469601MFA	2	100315FMQB	CLOCK DRIVER, QUAD, LOW-SKEW	National
5962-9469701O2A	1	SNJ54ABT2240FK	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
5962-9469701QRA	1	SNJ54ABT2240J	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
5962-9469701QSA	1	SNJ54ABT2240W	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
5962-9470401QXA	2	SNJ54ABT7819GB	FIFO MEMORY, 512 X 18 X 2, CLOCKED	T.I.
5962-9470901MPA	1.00	LTC1041MJ8	CONTROLLER, BANG-BANG	Linear
5962-9471801Q2A	1 (1)	SNJ54ABT541FK	BUFFER/DRIVER, OCTAL, NON-INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9471801QRA	1 (1)	SNJ54ABT541J	BUFFER/DRIVER, OCTAL, NON INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9471801QSA	1 (1)	SNJ54ABT541W	BUFFER/DRIVER, OCTAL, NON-INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9472601Q2A	2 (2.0)	TL052AMPKB	OP AMP, DUAL, PRECISION, JFET	T.I.
5962-9472601QFA	2 (2.0)	TL052AMJGB	OP AMP, DUAL, PRECISION, JFET	T.I.
5962-9472801QXA	2	SNJ54ABT16260WD	LATCH, D-TYPE, MULTIPLEXED, 12-BIT TO 24-BIT, WITH 3-STATE OUTPUTS, TTL INPUTS	T.I.
5962-9473201Q2A	3	TL-SCSI285MPKB	VOLT. REGULATOR, FIXED, POSITIVE, 2.85V	T.I.
5962-9473201QCA	3	TL-SCSI285MJB	VOLT. REGULATOR, FIXED, POSITIVE, 2.85V	T.I.
5962-9474801QXA	1	TLC34076-135MGA	D/A CONVERTER, TRIPLE 8-BIT, WITH 256 WORD COLOR PALETTE RAM, 135 MHZ	T.I.
5962-9474901MEA	1	HFA3127MJ/883	OP AMP, WIDEBAND, HIGH SLEW RATE, VIDEO	Harris
5962-9475001Q3A	3	SCANPSC100FLMQB	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
5962-9475001QXA	3	SCANPSC100FDMQB	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
5962-9475001QYA	3	SCANPSC100FFMQB	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
5962-9477301OXA	2	SNJ54FB2031WD	TRANSCEIVER, ADDRESS/DATA, 9-BIT TTL/BTL	T.I.
5962-94B0201QUA	TBD	TSC500/700GB	SEMICUSTOM STANDARD CELL	T.I.
5962-94B0201QXA		TSC500/700J	SEMICUSTOM STANDARD CELL	T.I.
5962-94B0201QYA		TSC500/700GB	SEMICUSTOM STANDARD CELL	T.I.
5962-94B0201QZA		TSC500/700GB	SEMICUSTOM STANDARD CELL	T.I.
5962-94B0501QMA		TGC1000	CUSTOM GATE ARRAY	T.I.
5962-94B0501QMA		TGC1000	CUSTOM GATE ARRAY, 10K GATES	T.I.
5962-94B0501QNA		TGC1000	CUSTOM GATE ARRAY	T.I.
5962-94B0501QNA		TGC1000	CUSTOM GATE ARRAY, 10K GATES	T.I.
5962-94B0501QTA		TGC1000	CUSTOM GATE ARRAY	T.I.
5962-94B0501QTA		TGC1000	CUSTOM GATE ARRAY, 10K GATES	T.I.
5962-94B0501QUA		TGC1000	CUSTOM GATE ARRAY	T.I.
5962-94B0501QUA		TGC1000	CUSTOM GATE ARRAY, 10K GATES	T.I.
5962-94B0501QXA		TGC1000	CUSTOM GATE ARRAY	T.I.
5962-94B0501QXA		TGC1000	CUSTOM GATE ARRAY, 10K GATES	T.I.
5962-94B0501QYA		TGC1000	CUSTOM GATE ARRAY	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962-94B0511QZA		TGC1000	CUSTOM GATE ARRAY, 154K GATES	T.I.
5962-94B0512QMA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QNA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QTA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QUA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QXA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QYA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0512QZA		TGC1000	CUSTOM GATE ARRAY, 191K GATES	T.I.
5962-94B0513QMA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QNA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QTA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QUA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QXA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QYA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-94B0513QZA		TGC1000	CUSTOM GATE ARRAY, 245K GATES	T.I.
5962-9550301QPA	2	LM6142AMJ/883	OP AMP, HIGH SPEED, LOW POWER, INPUT-OUTPUT	National
5962-9550401Q2A	3	TLV2262MFKB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9550401QHA	3	TLV2262MUB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9550401QFA	3	TLV2262MJGB	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
5962-9550402Q2A	3	TLV2264MFKB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9550402QCA	3	TLV2264MJB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9550402QDA	3	TLV2264MWB	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
5962-9552701QJA	1	TPIC2701MJB	TRANSISTOR ARRAY, 7-CHANNEL, POWER, DMOS, COMMON SOURCE	T.I.
5962-9552901MGA	1	LM725H/883	OP AMP, INSTRUMENTATION	National
5962-9552901MGA	1	LM725H/883	OP AMP, INSTRUMENTATION	National
5962-9553701Q2A	2	SNJ54AS175AFK	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T.I.
5962-9553701QEA	2	SNJ54AS175AJ	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T.I.
5962-9553701QFA	2	SNJ54AS175AW	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T.I.
5962-9554001QXA	2	DS3884AW/883	TRANSCEIVER, BTL HANDSHAKE	National
5962-9554101QXA	2	DS3885W/883	TRANSCEIVER, BTL ARBITRATION	National
5962-9554201QXA	2	DS3886AW/883	TRANSCEIVER, BTL 9-BIT LATCHING DATA	National
5962-9554301QXA	2	DS3875W/883	CONTROLLER, FUTUREBUS ARBITRATION	National
5962-9554701OEA	2	LP2956AMJ/883	VOLT. REGULATOR, DUAL, ADJ., POSITIVE, MICROPOWER, LOW-DROPOUT	National
5962-9554901NXD	1	TLC372MDQ	COMPARATORS, DUAL DIFFERENTIAL	T.I.
5962-9555001NXD	1	TLC139MDQ	COMPARATOR, QUAD MICROPOWER	T.I.
5962-9555201Q2A	3	TLC2272MFKB	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
5962-9555201QHA	3	TLC2272MUB	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
5962-9555201QPA	3	TLC2272MJGB	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
5962-9555601Q2A	2	TLE2425MFKB	VOLT. REFERENCE	T.I.
5962-9555601QPA	2	TLE2425MJGB	VOLT. REFERENCE	T.I.
5962-9555602Q2A	3	TLE2426MFKB	VOLT. REFERENCE	T.I.
5962-9555602QFA	3	TLE2426MJGB	VOLT. REFERENCE	T.I.
5962-9557401QCA	1	SNJ5432J	OR GATE, QUAD 2-INPUT	T.I.
5962-9557401QDA	1	SNJ5432W	OR GATE, QUAD 2-INPUT	T.I.
5962-9557501QEA	1	SNJ5476J	FLIP-FLOP, JK, DUAL	T.I.
5962-9557501QFA	1	SNJ5476W	FLIP-FLOP, JK, DUAL	T.I.
5962-9557801NXD	1	54ABT32543PZ	BUS TRANSCEIVER, 36-BIT, REGISTERED, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9558001QJA	1	SNJ54150J	DATA SEL/MULTIPLEXER, 16-INPUT	T.I.
5962-9558001QKA	1	SNJ54150W	DATA SEL/MULTIPLEXER, 16-INPUT	T.I.
5962-9558101QJA	1	SNJ54154J	DECODER, 4-TO-16-LINE	T.I.
5962-9558101QKA	1	SNJ54154W	DECODER, 4-TO-16-LINE	T.I.
5962-9558201QEA	1	SNJ54155J	DECODER, DUAL 2-TO-4-LINE	T.I.
5962-9558201QFA	1	SNJ54155W	DECODER, DUAL 2-TO-4-LINE	T.I.
5962-9558301QEA	1	SNJ54166J	SHIFT REGISTER, 8-BIT, PARALLEL	T.I.
5962-9558301QFA	1	SNJ54166W	SHIFT REGISTER, 8-BIT, PARALLEL	T.I.
5962-9558401QEA	1	SNJ54192J	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
5962-9558401QFA	1	SNJ54192W	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
5962-9558501QEA	1	DM9328J/883	SHIFT REGISTER, DUAL 8-BIT	National
5962-9559001QXA	1	SNJ54ABT16640WD	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
5962-9559301QXA	1	ADC12062MW/883	A/D CONVERTER, 12-BIT, 1 MHZ, .075W, W/INPUT MUX AND SAMPLE/HOLD	National
5962-9561801QXA	1	54ACTQ16373FMQB	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962-9561901OXA	1	54ACTO16244FMOB	BUFFER/DRIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
5962-9562001QXA	1	54ACTQ16245FMQB	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	National
5962-9564001Q2A	2	TLC2252MFKB	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T.I.
5962-9564001QHA	2	TLC2252MJB	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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5962-9564001QPA	2	TLC2252MJGB	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T. I.
5962-9564002Q2A	2	TLC2254MFKB	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T. I.
5962-9564002QCA	2	TLC2254MJB	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T. I.
5962-9564002ODA	2	TLC2254MWB	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T. I.
5962-9566601Q2A	2	TLV2252MFKB	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T. I.
5962-9566601QHA	2	TLV2252MUB	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T. I.
5962-9566601QPA	2	TLV2252MJGB	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T. I.
5962-9566602Q2A	2	TLV2254MFKB	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T. I.
5962-9566602QCA	2	TLV2254MJB	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T. I.
5962-9566602QDA	2	TLV2254MWB	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T. I.
5962H3829435BNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435BNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435BXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435BXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435SNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435SNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435SXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829435SXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
5962H3829436BNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436BNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436BXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436BXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436SNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436SNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436SXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829436SXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
5962H3829437BNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437BNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437BXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437BXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437SNA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437SNC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437SXA	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829437SXC	2 (2)	UT6717685	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
5962H3829438Q9X	3	HC6364/1XQHBT	STATIC RAM, 8K X 8	Honeywell
5962H3829438V9X	3	HC6364/1XVHBT	STATIC RAM, 8K X 8	Honeywell
5962H3829440Q9X	3	HC6364/1XQHBC	STATIC RAM, 8K X 8	Honeywell
5962H38294410V9X	3	HC6364/1XVHBC	STATIC RAM, 8K X 8	Honeywell
5962H3829442Q9X	3	HC6364/1XQHCT	STATIC RAM, 8K X 8	Honeywell
5962H3829442V9X	3	HC6364/1XVHCT	STATIC RAM, 8K X 8	Honeywell
5962H3829443Q9X	3	HC6364/1XQHCC	STATIC RAM, 8K X 8	Honeywell
5962H3829443V9X	3	HC6364/1XVHCC	STATIC RAM, 8K X 8	Honeywell
5962H3829444Q8X	1	LOR6408C-Q55X	STATIC RAM, 8K X 8	Loral
5962H3829444Q9C	1	LOR6408C-Q55Y	STATIC RAM, 8K X 8	Loral
5962H3829444V8X	1	LOR6408C-V55X	STATIC RAM, 8K X 8	Loral
5962H3829444V9C	1	LOR6408C-V55Y	STATIC RAM, 8K X 8	Loral
5962H9202601QZX	1	LORFXPC-Q49F	PROCESSOR, FIXED-POINT	Loral
5962H9202601VZX	1	LORFXPC-V49F	PROCESSOR, FIXED-POINT	Loral
5962H9210301QZX	1	LORFLPC-Q47F	MICROPROCESSOR, FLOATING-POINT	Loral
5962H9210301VZX	1	LORFLPC-V47F	MICROPROCESSOR, FLOATING-POINT	Loral
5962H9210401QZX	1	LORAP1C-Q47F	ADDRESS PROCESSOR	Loral
5962H9210401VZX	1	LORAP1C-V47F	ADDRESS PROCESSOR	Loral
5962H9210601QZX	1	LORAP2C-Q45F	ADDRESS PROCESSOR	Loral
5962H9210601VZX	1	LORAP2C-V45F	ADDRESS PROCESSOR	Loral
5962H9215301QNC	2	LOR2568C-Q60I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215301QXX	2	LOR2568C-Q60X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215301QYX	2	LOR2568C-Q60Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215301VNC	2	LOR2568C-V60I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215301VXX	2	LOR2568C-V60X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215301VYX	2	LOR2568C-V60Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302QNC	2	LOR2568T-Q60I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302QXX	2	LOR2568T-Q60X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302QYX	2	LOR2568T-Q60Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302QZX	2	LOR2568T-Q60I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302VNC	2	LOR2568T-V60I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302VXX	2	LOR2568T-V60X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215302VYX	2	LOR2568T-V60Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215303QNC	2	LOR2568C-Q40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303QXX	2	LOR2568C-Q40X	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303QYX	2	LOR2568C-Q40Y	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303QZX	2	LOR2568C-Q40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
5962H9215303VNC	2	LOR2568C-V40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303VXX	2	LOR2568C-V40X	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303VYX	2	LOR2568C-V40Y	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215303VZX	2	LOR2568C-V40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304QNC	2	LOR2568T-Q40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304QXX	2	LOR2568T-Q40X	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304QYX	2	LOR2568T-Q40Y	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304QZX	2	LOR2568T-Q40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304VNC	2	LOR2568T-V40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304VXX	2	LOR2568T-V40X	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304VYX	2	LOR2568T-V40Y	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215304VZX	2	LOR2568T-V40I	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
5962H9215305Q9C	2 (2)	HC6856/1NQHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215305QUX	2	HC6856/1WQHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215305QZX	2	HC6856/1XQHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215305V9C	2 (2)	HC6856/1NVHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215305VUC	2	HC6856/1WVHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215305VZC	2	HC6856/1XVHZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306Q9C	2 (2)	HC6856/1NQHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306QUX	2	HC6856/1WQHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306QZX	2	HC6856/1XQHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306V9C	2 (2)	HC6856/1NVHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306VUC	2	HC6856/1WVHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215306VZC	2	HC6856/1XVHZI	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962H9215307Q9C	2 (2)	HC6856/1NQHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215307QUX	2	HC6856/1WQHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215307QZX	2	HC6856/1XQHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215307V9C	2 (2)	HC6856/1NVHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215307VUC	2	HC6856/1WVHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215307VZC	2	HC6856/1XVHAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308Q9C	2 (2)	HC6856/1NQHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308QUX	2	HC6856/1WQHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308QZX	2	HC6856/1XQHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308V9C	2 (2)	HC6856/1NVHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308VUC	2	HC6856/1WVHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215308VZC	2	HC6856/1XVHAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962H9215313QNX	2	LOR2568C-Q30I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215313QXX	2	LOR2568C-Q30X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215313QYX	2	LOR2568C-Q30Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215313VNX	2	LOR2568C-V30I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215313VXX	2	LOR2568C-V30X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215313VYX	2	LOR2568C-V30Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314QNX	2	LOR2568T-Q30I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314QXX	2	LOR2568T-Q30X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314QYX	2	LOR2568T-Q30Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314VNX	2	LOR2568T-V30I	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314VXX	2	LOR2568T-V30X	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215314VYX	2	LOR2568T-V30Y	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
5962H9215401QXX	1	LOR6401C-Q55X	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
5962H9215401QYX	1	LOR6401C-Q55G	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
5962H9215401VXX	1	LOR6401C-V55X	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
5962H9215401VYX	1	LOR6401C-V55G	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
5962H9215402QXX	1	LOR6401T-Q55X	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
5962H9215402QYX	1	LOR6401T-Q55G	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
5962H9215402VXX	1	LOR6401T-V55X	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
5962H9215402VYX	1	LOR6401T-V55G	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
5962H92A0101QYX	1	1HK84	CONTROLLER, SERIAL COMMUNICATION	Honeywell
5962H9312801QXX	2	LOR2561C-Q60X	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312801QYX	2	LOR2561C-Q60Y	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312801QZC	1	LOR2561C-Q60I	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312801VXX	2	LOR2561C-V60X	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312801VYX	2	LOR2561C-Q60Y	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312801VZC	1	LOR2561C-V60I	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802QXX	2	LOR2561T-Q60X	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802QYX	2	LOR2561T-Q60Y	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802QZC	2	LOR2561T-Q60I	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802VXX	2	LOR2561T-V60X	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802VYX	2	LOR2561T-V60Y	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312802VZC	2	LOR2561T-V60I	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
5962H9312803QXX	2	LOR2561C-Q40X	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312803QYX	2	LOR2561C-Q40Y	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312803QZC	1	LOR2561C-Q40I	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral

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APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962H9312803VXX	2	LOR2561C-V40X	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312803VYX	2	LOR2561C-V40Y	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312803VZC	1	LOR2561C-V40I	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312804QXX	2	LOR2561T-Q40X	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312804QYX	2	LOR2561T-Q40Y	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312804QZC	2	LOR2561T-Q40I	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312805VXX	2	LOR2561T-V40X	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312805VYX	2	LOR2561T-V40Y	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312805VZC	2	LOR2561T-V40I	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
5962H9312805QXC	1	LOR2561T-Q50X	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805QYC	1	LOR2561T-Q50Y	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805QZC	2	LOR2561T-Q50I	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805VXC	2	LOR2561T-V50X	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805VYC	2	LOR2561T-V50Y	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805VYZ	1	LOR2561T-V50I	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H9312805VZC	2	LOR2561T-V50I	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
5962H93A0501QXC	2	ST12154	ASIC, DATA COMPRESSION CHIP	Honeywell
5962H93A0701VYC	2	ST12156	ASIC, REACTION WHEEL ASSEMBLY	Honeywell
5962H93A0901VYC	2	ST12158	ASIC, REED SOLOMON DOWN LINK	Honeywell
5962H93A1101VYC	2	ST12169	ASIC, SOLID STATE RECORDER INTERFACE UNIT	Honeywell
5962H93A1301VYC	2	ST12237	ASIC, CROSS STRAP BUS ADAPTER	Honeywell
5962H9466701QYC	1	34096956-005	MIL-STD-1750 CHIP SET	Honeywell
5962H9466701QYC	1	34096956-002	MIL-STD-1750 CHIP SET	Honeywell
5962H9466701VYC	1	34096956-005	MIL-STD-1750 CHIP SET	Honeywell
5962H9466703QYC	1	34096956-003	MIL-STD-1750 CHIP SET	Honeywell
5962H9466704QYC	1	34096956-004	MIL-STD-1750 CHIP SET	Honeywell
5962H94A0301QTC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0301QUC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0301QYC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0301VTC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0301VUC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0301VYC	2	HR2125	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
5962H94A0302QTC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302QUC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302QXC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302QYC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302VTC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302VUC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302VXC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0302VYC	2	HR2210	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
5962H94A0303QMC	2	HR2340	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
5962H94A0303QTC	2	HR2340	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
5962H94A0303VMC	2	HR2340	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
5962H94A0303VTC	2	HR2340	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
5962H94A0304Q*C	2	HR2010	CUSTOM GATE ARRAY, 4000 GATES	Honeywell
5962H94A0305QZC	2	HR2065	CUSTOM GATE ARRAY, 26000 GATES	Honeywell
5962H94A0305VZC	2	HR2065	CUSTOM GATE ARRAY, 26000 GATES	Honeywell
5962H94A0306QTC	2	HR2090	CUSTOM GATE ARRAY, 36000 GATES	Honeywell
5962H94A0306VTC	2	HR2090	CUSTOM GATE ARRAY, 36000 GATES	Honeywell
5962H94A0901QYC	1	22009751-007	MEMORY INTERFACE CONTROLLER, ASIC	Honeywell
5962H94A0901VYC	1	22009751-007	MEMORY INTERFACE CONTROLLER, ASIC	Honeywell
5962H94A2001QXC	2	22017140-005	ASIC, GYRO UNIT AND PROCESSOR INTERFACE	Honeywell
5962H94A2101QYC	2	22017253-008	ASIC, DECODER	Honeywell
5962R8766301BRA	3 (9.75)	JM54ACT245BRA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8766301BSA	3 (9.75)	JM54ACT245BSA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8766301SRA	3 (9.75)	JM54ACT245SRA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8766301SSA	3 (9.75)	JM54ACT245SSA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8769901BCA	2 (2.5)	JM54ACT00BCA-RH	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962R8769901BDA	2 (2.5)	JM54ACT00BDA-RH	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962R8769901SCA	2 (2.5)	JM54ACT00SCA-RH	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962R8769901SDA	2 (2.5)	JM54ACT00SDA-RH	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
5962R8775901BRA	3 (10)	JM54ACT240BRA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8775901BSA	3 (10)	JM54ACT240BSA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8775901SRA	3 (10)	JM54ACT240SRA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
5962R8775901SSA	3 (10)	JM54ACT240SSA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
5962R8776001BRA	3 (5.75)	JM54ACT244BRA-RH	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962R8776001BSA	3 (5.75)	JM54ACT244BSA-RH	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962R8776001SRA	3 (5.75)	JM54ACT244SRA-RH	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962R8776001SSA	3 (5.75)	JM54ACT244SSA-RH	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
5962R9098501BRA	3 (10)	JM54AC521BRA-RH	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962R9098501BSA	3 (10)	JM54AC521BSA-RH	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962R9098501SRA	3 (10)	JM54AC521SRA-RH	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962R9098501SSA	3 (10)	JM54AC521SSA-RH	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
5962R9215305QUX	2	HC6856/1WQRZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215305QZX	2	HC6856/1XQRZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215305VUC	2	HC6856/1WVRZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215305VZC	2	HC6856/1XVRZC	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215306QUX	2	HC6856/1WQRZT	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215306QZX	2	HC6856/1XQRZT	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215306VUC	2	HC6856/1WVRZT	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215306VZC	2	HC6856/1XVRZT	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
5962R9215307QUX	2	HC6856/1WQRAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215307QZX	2	HC6856/1XQRAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215307VUC	2	HC6856/1WVRAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215307VZC	2	HC6856/1XVRAC	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215308QUX	2	HC6856/1WQRAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215308QZX	2	HC6856/1XQRAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215308VUC	2	HC6856/1WVRAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R9215308VZC	2	HC6856/1XVRAT	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
5962R93A0101QYX	2	1HL08	GATE ARRAY, SEMICUSTOM	Honeywell
5962R93A0601QYC	2	ST12155-E01060FR	BUS INTERFACE UNIT	Honeywell
5962R93A1001VYC	2	12159-E01060FR	COMMAND DETECTOR UNIT	Honeywell
5962R93A1201VYC	2	ST12171-E01060FR	POWER DISTRIBUTION ASSEMBLY	Honeywell
76002012A	2 (2)	SNJ54LS157FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
76002012A	1 (0)	54LS157M/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
7600201EA	1	54LS157/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
7600201FA	1 (0)	54LS157/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
7600201FA	2 (2)	SNJ54LS157W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
7600301CA	1 (0)	54LS122/BCAJC	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
7600401CA	1 (1)	SNJ54LS132J	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
7600401DA	1 (1)	SNJ54LS132W	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
7600401RA	1 (0)	54LS132/BCAJC	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
76005012A	1 (2)	SNJ54LS138FK	DECODER, 3-TO-8-LINE	T.I.
76005012A	1 (0)	54LS138M/B2AJC	DECODER, 3-TO-8-LINE	Motorola
7600501EA	1 (1)	SN54LS138J	DECODER, 3-TO-8-LINE	T.I.
7600501EA	1 (0)	54LS138/BEAJC	DECODER, 3-TO-8-LINE	Motorola
7600501FA	1 (1)	SNJ54LS138W	DECODER, 3-TO-8-LINE	T.I.
7600501FA	1 (0)	54LS138/BFAJC	DECODER, 3-TO-8-LINE	Motorola
76006012A	3 (4)	SNJ54LS193FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
7600601EA	3 (4)	SN54LS193J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
7600601EA	1 (0)	54LS193/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
7600601FA	3 (4)	SN54LS193W	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
76007012A	1 (1)	SNJ54LS139AFK	DECODER, DUAL 2-TO-4-LINE	T.I.
76007012A	1	54LS139M/B2AJC	DECODER, DUAL 2-TO-4-LINE	Motorola
7600701EA	1 (1)	SNJ54LS139AJ	DECODER, DUAL 2-TO-4-LINE	T.I.
7600701EA	1	54LS139/BEAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
7600701FA	1 (1)	SNJ54LS139AW	DECODER, DUAL 2-TO-4-LINE	T.I.
7600701FA	1	54LS139/BFAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
76008012A	3 (4)	SNJ54LS161AFK	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
7600801EA	1 (0)	54LS161A/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
7600801EA	3 (4)	SNJ54LS161AJ	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
7600801FA	3 (4)	SNJ54LS161AW	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
7600801FA	1 (0)	54LS161A/BFAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
76009012A	3 (4)	SNJ54LS191EK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
7600901EA	1 (0)	54LS191/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	Motorola
7600901EA	3 (4)	SNJ54LS191J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
7600901FA	3 (4)	SNJ54LS191W	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
76010012A	1 (<2)	SNJ54LS151FK	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
7601001EA	1 (<2)	SNJ54LS151J	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
7601001FA	1 (<2)	SNJ54LS151W	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
76011012A	1 (1)	SNJ54LS153FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
7601101EA	1 (0)	54LS153/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
7601101FA	1 (1)	SNJ54LS153J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
7601101FA	1 (1)	SNJ54LS153W	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
7601201EA	1 (0)	54LS75/BEAJC	LATCH, 4-BIT, BISTABLE	Motorola
7601201EA	1 (1)	SNJ54LS75J	LATCH, 4-BIT, BISTABLE	T.I.
7601201FA	1 (1)	SNJ54LS75W	LATCH, 4-BIT, BISTABLE	T.I.
7601201FA	1 (0)	54LS75/BFAJC	LATCH, 4-BIT, BISTABLE	Motorola
76013012A	1 (<2)	54LS76A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
7601301EA	1 (<2)	54LS76A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
7601301FA	1 (<2)	54LS76A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
7601401EA	1 (.5)	54LS83A	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
7601401FA	1 (.5)	54LS83A	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
7601501CA	1 (1)	SNJ54LS197J	DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ	T.I.
7601501DA	1 (1)	SNJ54LS197W	DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ	T.I.
7601601EA	1 (0)	54LS251/BEAJC	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
7601601EA	1 (<2)	SN54LS251J	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
7601601FA	1 (<2)	SN54LS251W	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
7601701EA	1 (<2)	SNJ54LS253J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
7601701EA	1 (0)	54LS253/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
7601701FA	1 (<2)	SNJ54LS253W	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
76018012A	1 (.5)	SNJ54LS279AFK	LATCH, RS, 4-BIT	T.I.
76018012A	1 (0)	54LS279M/B2AJC	LATCH, RS, 4-BIT	Motorola
7601801EA	1 (.5)	SNJ54LS279AJ	LATCH, RS, 4-BIT	T.I.
7601801EA	1 (0)	54LS279/BEAJC	LATCH, RS, 4-BIT	Motorola
7601801FA	1 (.5)	SNJ54LS279AW	LATCH, RS, 4-BIT	T.I.
7601901EA	1 (0)	54LS298/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
7601901EA	1 (.5)	SNJ54LS298J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	T.I.
7601901FA	1 (0)	54LS298/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
7601901FA	1 (.5)	SNJ54LS298W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	T.I.
7602001CA	1 (<2)	SNJ54LS26J	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
7602001DA	1 (<2)	SNJ54LS26W	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
76031012A	1 (1)	SNJ54LS42FK	DECODER, BCD-TO-DECIMAL	T.I.
7603101EA	1 (0)	54LS42A/BEAJC	DECODER, BCD-TO-DECIMAL	Motorola
7603101EA	1 (1)	SNJ54LS42J	DECODER, BCD-TO-DECIMAL	T.I.
7603101FA	1 (1)	SNJ54LS42W	DECODER, BCD-TO-DECIMAL	T.I.
7603201CA	1 (<2)	SNJ54LS90J	DECADE COUNTER, 4-BIT	T.I.
7603201DA	1 (<2)	SNJ54LS90W	DECADE COUNTER, 4-BIT	T.I.
76033012A	1 (1)	SNJ54LS158FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
7603301EA	1 (1)	SNJ54LS158J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
7603301EA	1 (0)	54LS158/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	Motorola
7603301FA	1 (1)	SNJ54LS158W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
76034012A	2 (2)	54LS163AM/B2AJC	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
7603401EA	2 (2)	SNJ54LS163AJ	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
7603401EA	2 (2)	54LS163A/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
7603401FA	2 (2)	SNJ54LS163AW	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
7603401FA	2 (2)	54LS163A/BFAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
76035012A	2 (2)	SNJ54LS190FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	T.I.
7603501EA	2 (2)	SN54LS190J	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	T.I.
7603501FA	2 (2)	SNJ54LS190W	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	T.I.
76036012A	2 (2.0)	54LS192	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
7603601EA	1 (0)	54LS192/BEAJC	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	Motorola
7603601EA	2 (2.0)	54LS192	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
7603601FA	2 (2.0)	54LS192	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
7603701EA	3 (4)	SNJ54LS257BJ	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
7603701EA	1 (0)	54LS257/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
7603701FA	3 (4)	SNJ54LS257BW	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
76038012A	2 (2)	SNJ54LS258BFK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS,	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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7603801EA	1 (0)	54LS258A/BEAJC	WITH ENABLE DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	Motorola
7603801FA	2 (2)	SNJ54LS258BW	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
7603901EA	1 (1)	SNJ54LS123J	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
7603901EA	1 (0)	54LS123/BEAJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
7603901FA	1 (1)	SNJ54LS123W	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
7603901FA	1 (0)	54LS123/BPAJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
7604001EA	1 (<.5)	SNJ54S194J	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
7604001FA	1 (<.5)	SNJ54S194W	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
76041012A	1 (<2)	SNJ54S138FK	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
7604101EA	1 (<2)	SNJ54S138J	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
7604101FA	1 (<2)	SNJ54S138W	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
7604201EA	1 (0)	54LS221/BEAJC	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	Motorola
76043012A	1 (.5)	SNJ54LS283FK	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
7604301EA	1 (.5)	SNJ54LS283J	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
7604301EA	1 (0)	54LS283/BEAJC	ADDER, 4-BIT FULL, WITH FAST CARRY	Motorola
7604301FA	1 (.5)	SNJ54LS283W	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
7604501EA	1 (<2)	SNJ54LS47J	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
7604501EA	1 (0)	54LS47/BEAJC	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
7604501FA	1 (<2)	SNJ54LS47W	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
7700101CA	1 (<2)	SNJ54LS93J	DECADE COUNTER, 4-BIT	T.I.
7700101DA	1 (<2)	SNJ54LS93W	DECADE COUNTER, 4-BIT	T.I.
7700401EA	1 (1)	SNJ54S139J	DECODER/DEMULTIPLEXER, DUAL 2-TO-4-LINE	T.I.
7700401FA	1 (1)	SNJ54S139W	DECODER/DEMULTIPLEXER, DUAL 2-TO-4-LINE	T.I.
7700601EA	1 (0)	54LS165/BEAJC	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
7700601EA	1 (<2)	SNJ54LS165AJ	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
7700601FA	1 (<2)	SNJ54LS165AW	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
7700601FA	1 (0)	54LS165/BPAJC	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
77008012A	1 (<.5)	LM139FKB	VOLT. COMPARATOR, QUAD	T.I.
7700801CA	1 (<.5)	LM139JB	VOLT. COMPARATOR, QUAD	T.I.
7700801DA	1 (<.5)	LM139WB	VOLT. COMPARATOR, QUAD	T.I.
7700901EA	4 (4)	54LS160A/BEAJC	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
7700901EA	2 (2)	SNJ54LS160AJ	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
7700901FA	2 (2)	SNJ54LS160A	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
77010012A	1 (1)	SNJ54LS196FK	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	T.I.
7701001CA	1 (1)	SNJ54LS196J	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	T.I.
7701001DA	1 (1)	SNJ54LS196W	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	T.I.
7702001EA	1 (0)	14502B/BEAJC	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Motorola
7702002EA	2	CD4502BF3A	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
7702301EA	1	CD4520BF3A	BINARY COUNTER, DUAL UP/DOWN	Harris
7702401CA	1 (0)	14081B/BCAJC	AND GATE, QUAD 2-INPUT	Motorola
7702402CA	0	CD4081BF3A	AND GATE, QUAD 2-INPUT	Harris
7702501EA	1	CD4094BF3A	SHIFT REGISTER/LATCH, 8-STAGE, 3-STATE OUTPUTS	Harris
7702801XA	3	103-1.8Z	VOLT. REFERENCE, 1.8V	Linfinity
7702805XA	3	103-2.7Z	VOLT. REFERENCE, 2.7V	Linfinity
7702806XA	3	LM103H-3.0	VOLT. REFERENCE, 3.0V	National
7702807XA	3	LM103H-3.3	VOLT. REFERENCE, 3.3V	National
7702808XA	3	LM103H-3.6	VOLT. REFERENCE, 3.6V	National
7702809XA	3	LM103H-3.9	VOLT. REFERENCE, 3.9V	National
7702811XA	3	103-4.7Z	VOLT. REFERENCE, 4.7V	Linfinity
7703201JA	1	CD4515BF3A	DECODER, 4-TO-16-LINE, WITH LATCHED INPUTS	Harris
77034012A	3	117L	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703401UA	2	1171G	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703401XA	1	LM117H	VOLT. REGULATOR, ADJ., POSITIVE	Linear
7703401XA	2	LM117H/883B	VOLT. REGULATOR, ADJ., POSITIVE	National
7703401XA	3	117T	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703401YA	3	117K	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703401YA	2	LM117K-STEEL/883B	VOLT. REGULATOR, ADJ., POSITIVE	National
7703401YA	1	LM117K	VOLT. REGULATOR, ADJ., POSITIVE	Linear
7703401ZA	3	117R	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703402XA	1	LM117VH	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
7703402XA	2	LM117VH-STEEL/883	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	National
7703402YA	1	LM117HVK	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
7703402YA	2	LM117HVK-STEEL/883	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	National
77034032A	3	137L	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703403UA	3	1371G	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703403XA	3	LM137H/883B	VOLT. REGULATOR, ADJ., NEGATIVE	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
7703403XA	3	137T	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703403XA	2	LM137H	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
7703403YA	3	LM137K-STEEL/883B	VOLT. REGULATOR, ADJ., NEGATIVE	National
7703403YA	3	137K	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703403YA	2	LM137K	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
7703403ZA	3	137R	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703404XA	3	LM137HVH/883	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	National
7703404XA	2	LM137HVH	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
7703404YA	3	LM137HVK-STEEL/883	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	National
7703404YA	2	LM137HVK	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
77034052A	3	117AL	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703405UA	3	117AIG	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703405XA	3	117AT	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703405XA	1	LT117AH	VOLT. REGULATOR, ADJ., POSITIVE	Linear
7703405YA	1	LT117AK	VOLT. REGULATOR, ADJ., POSITIVE	Linear
7703405YA	3	117AK	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7703405ZA	3	117AR	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
77034062A	3	137AL	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703406UA	3	137AIG	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703406XA	2	LT137AH	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
7703406XA	3	137AT	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703406YA	3	137AK	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703406YA	2	LT137AK	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
7703406ZA	3	137AR	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
7703407XA	1	LT117AHVH	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
7703407YA	1	LT117AHVK	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
7703408XA	2	LT137AHVH	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
7703408YA	2	LT137AHVK	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
7703601CA	1	MMS54C08J/883B	AND GATE, QUAD 2-INPUT	National
7703601DA	1	MMS54C08W/883	AND GATE, QUAD 2-INPUT	National
7703701EA	1	MMS54C85J/883	MAGNITUDE COMPARATOR, 4-BIT	National
7703701FA	1	MMS54C85W/883	MAGNITUDE COMPARATOR, 4-BIT	National
7703702EA	0	CD4585BF3A	MAGNITUDE COMPARATOR, 4-BIT	Harris
7704201EA	1(1)	SNJ54LS670J	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	T.I.
7704201EA	1(0)	54LS670/BEAJC	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
7704201FA	1(0)	54LS670/BFAJC	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
7704201FA	1(1)	SNJ54LS670W	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	T.I.
77043012A	1	LM124E/883	OP AMP, QUAD	National
77043012A	1(<.5)	LM124FKB	OP AMP, QUAD	T.I.
7704301CA	1	LM124J/883	OP AMP, QUAD	National
7704301CA	1(<.5)	LM124JB	OP AMP, QUAD	T.I.
7704301DA	1(<.5)	LM124WB	OP AMP, QUAD	T.I.
77043022A	1(<.5)	LM124AFKD	OP AMP, QUAD	T.I.
77043022A	1	LM124AE/883	OP AMP, QUAD	National
7704302CA	1(<.5)	LM124AJB	OP AMP, QUAD	T.I.
7704302CA	1	LM124AJ/883	OP AMP, QUAD	National
7704402CA	0	CD4078BF3A	NOR/OR GATE, 8-INPUT	Harris
7704403CA	1	CD4002BF3A	NOR GATE, 8-INPUT	Harris
7704601CA	1	CD4093BMJ/883	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	National
7704601DA	1	CD4093BMW/883	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	National
7704602CA	1	CD4093BF3A	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	Harris
7704701EA	1	CD4555BF3A	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	Harris
7704801EA	1	CD4556BF3A	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	Harris
77049012A	3(4)	SNJ55452BFK	PERIPHERAL DRIVER, DUAL NAND	T.I.
77049012A	1	55452BL	PERIPHERAL DRIVER, DUAL NAND	Linfinity
7704901PA	3(4)	SNJ55452BJG	PERIPHERAL DRIVER, DUAL NAND	T.I.
7704901PA	1	55452BY	PERIPHERAL DRIVER, DUAL NAND	Linfinity
77049022A	2(2)	SNJ55451BFK	PERIPHERAL DRIVER, DUAL AND	T.I.
77049022A	1	55451BL	PERIPHERAL DRIVER, DUAL AND	Linfinity
7704902PA	1	5451BY	PERIPHERAL DRIVER, DUAL AND	Linfinity
7704902PA	2(2)	SNJ55451BJG	PERIPHERAL DRIVER, DUAL AND	T.I.
7705101CA	1(0)	14073B/BCAJC	AND GATE, TRIPLE 3-INPUT	Motorola
7705102CA	2	CD4073BF3A	AND GATE, TRIPLE 3-INPUT	Harris
77052012A	1	HI4-0508/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
7705201EA	1	7705201EA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
7705201EC	1	HI1-0508/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
7705201FA	1	7705201FA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
77052022A	0	HI4-0548/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
7705202EA	1	HI1-0548/883	OVERVOLTAGE PROTECTION ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
77053012A	1	77053012A	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
7705301EA	1(.3)	DG201AAK/883B	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
7705301EA	1	7705301EA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
7705301FA	1	7705301FA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
77053022A	1	HI4-0201/883	ANALOG SWITCH, SPST, 4-CHANNEL, WITH DIELECTRIC ISOLATION	Harris
7705302BA	1	HI1 0201/883	ANALOG SWITCH, SPST, 4-CHANNEL, WITH DIELECTRIC ISOLATION	Harris
7705701RA	1(0)	54LS244/BRAJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
7705701RA	1(.5)	SNJ54LS244J	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
7705701SA	1(0)	54LS244/BSAJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
7705701SA	1(.5)	SNJ54LS244W	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
7705801EA	1	CD4040BMJ/883	BINARY COUNTER, 12-BIT	National
7705901CA	1(0)	14082B/BCAJC	AND GATE, DUAL 4-INPUT	Motorola
7705902CA	2	CD4082BF3A	AND GATE, DUAL 4-INPUT	Harris
7706001CA	1(0)	14072B/BCAJC	OR GATE, DUAL 4-INPUT	Motorola
7706002CA	2	CD4072BF3A	OR GATE, DUAL 4-INPUT	Harris
7800301GA	3	LM144H/883B	OP AMP, HIGH-VOLTAGE	National
78003022A	1	HA4-2640/883	OP AMP, HIGH-VOLTAGE	Harris
7800302GC	1	HA2-2640/883	OP AMP, HIGH-VOLTAGE	Harris
7800302PA	1	HA1-2640/883	OP AMP, HIGH-VOLTAGE	Harris
7800303PA	1	143Y	OP AMP, HIGH-VOLTAGE	Linfinity
7800303XA	1	143T	OP AMP, HIGH-VOLTAGE	Linfinity
7800303XA	1	LM143H/883B	OP AMP, HIGH-VOLTAGE	National
7800304PA	1	1536Y	OP AMP, HIGH-VOLTAGE	Linfinity
7800304XA	1	LM1536H/883	OP AMP, HIGH-VOLTAGE	National
7800304XA	1	1536T	OP AMP, HIGH-VOLTAGE	Linfinity
7800701GA	1	LM709H/883B	OP AMP, GENERAL PURPOSE	National
7800801GA	3	DS0056H/883	CLOCK DRIVER, MOS, DUAL, WITH VBB CONNECTION	National
7800802CA	3	DS0026J/883	CLOCK DRIVER, MOS	National
7800802GA	3	DS0026H/883	CLOCK DRIVER, MOS	National
78009012A	1	10516M/B2AJC	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola
7800901EA	1	10516/BEAJC	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola
7800901FA	1	10516/BFAJC	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola
78010012A	1(<2)	SNJ54LS273FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
78010012A	1(0)	54LS273M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
7801001RA	1(<2)	SNJ54LS273J	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
7801001RA	1(0)	54LS273/BRAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
7801001SA	1(<2)	SNJ54LS273W	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
7801001SA	1(0)	54LS273/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
78011012A	1(0)	54LS374M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
7801101RA	1(0)	54LS374/BRAJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
7801101SA	1(0)	54LS374/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
78012012A	1	54LS240M/B2AJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
78012012A	1(.5)	SNJ54LS240FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
7801201RA	1(.5)	SNJ54LS240J	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
7801201RA	1(0)	54LS240/BRAJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
7801201SA	1(.5)	SNJ54LS240W	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
7801401CA	1	7801401CA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
7801401XA	1	7801401XA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
78020012A	1(0)	26LS32M/B2AJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
7802001EA	1(0)	26LS32/BEAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
7802001FA	1(0)	26LS32/BFAJC	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
78023012A	1(0)	26LS31M/B2AJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
7802301EA	1	26LS31/BEAJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
7802301FA	1	26LS31/BFAJC	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
78024012A	1(.5)	SNJ54LS299FK	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
7802401RA	1(.5)	SNJ54LS299J	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
7802401SA	1(.5)	SNJ54LS299W	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
7802601EA	1(0)	54LS390/BEAJC	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	Motorola
7802601FA	1(.5)	SNJ54LS390J	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
7802601SA	1(.5)	SNJ54LS390W	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
78027012A	1(<2)	SNJ54LS148FK	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
7802701EA	1(<2)	SNJ54LS148J	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
7802701FA	1(<2)	SNJ54LS148W	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
7802801EA	1	1524J	PULSE WIDTH MODULATOR, REGULATING	Linfinity
78029013A	1	HD4-15530-8	MANCHESTER ENCODER/DECODER	Harris
7802901JA	1	HD1-15530-8	MANCHESTER ENCODER/DECODER	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
79008012A	1(.5)	SNJ55182FK	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
7900801CA	1(.5)	SNJ55182J	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
7900801CA	1	DS7820AJ/883	LINE RECEIVER, DUAL DIFFERENTIAL	National
7900801DA	1	DS7820AW/883	LINE RECEIVER, DUAL DIFFERENTIAL	National
7900801DA	1(.5)	SNJ55182W	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
79009012A	2(2)	SNJ55183FK	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
7900901CA	2(2)	SNJ55183J	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
7900901DA	2(2)	SNJ55183W	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
7901101CA	1	CD4013BMJ/883	FLIP-FLOP, D-TYPE, DUAL	National
7901101DA	1	CD4013BMW/883	FLIP-FLOP, D-TYPE, DUAL	National
7901301CA	1	CD4023BMJ/883	NAND GATE, TRIPLE 3-INPUT	National
7901501EA	1(0)	CD4052BMJ/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL DIFFERENTIAL	National
7901501FA	1	CD4052BMW/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL DIFFERENTIAL	National
7901502EA	1	CD4052BF3A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL DIFFERENTIAL	Harris
7901601EA	1(0)	14557B/BEAJC	SHIFT REGISTER, 1-TO-64 BIT	Motorola
80016012A	1	HA4-2420/883	SAMPLE AND HOLD AMPLIFIER	Harris
8001601CA	1	HA1-2420/883	SAMPLE AND HOLD AMPLIFIER	Harris
8001701EA	1(<2)	SNJ54LS166AJ	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
8001701EA	1(0)	54LS166/BEAJC	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
8001701FA	1(<2)	SNJ54LS166AW	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
8001701FA	1(0)	54LS166/BFAJC	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
80018022A	3(4)	SNJ54LS169FK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
8001802EA	3(4)	SNJ54LS169BJ	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
8001802FA	3(4)	SNJ54LS169BW	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
80019012A	1(.5)	SNJ54LS09FK	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8001901CA	1(.5)	SNJ54LS09J	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8001901CA	1(0)	54LS09/BCAJC	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
8001901DA	1(.5)	SNJ54LS09W	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
80020012A	1(.5)	54LS242	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8002001CA	1(.5)	54LS242	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8002001CA	1(0)	54LS242/BCAJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
8002001DA	1(.5)	54LS242	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8002001DA	1	54LS242/BDATC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
80020022A	1(0)	54LS243M/B2AJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
8002002CA	1(0)	54LS243/BCAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
8002002DA	1(1)	SNJ54LS243W	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
80021012A	1(1)	SNJ54LS245FK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
80021012A	1(0)	54LS245M/B2AJC	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
8002101SA	1(1)	SNJ54LS245W	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8002101SA	1(0)	54LS245/BSAJC	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
80022012A	1(<.5)	SNJ54S251FK	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8002201EA	1(<.5)	SNJ54S251J	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8002201FA	1(<.5)	SNJ54S251W	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8002301EA	1(.5)	SNJ54S258J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8002301FA	1(.5)	SNJ54S258W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8002501EA	1(1)	SNJ54LS170J	REGISTER FILE, 4 X 4, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8002501FA	1(1)	SNJ54LS170W	REGISTER FILE, 4 X 4, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8003701GA	1	LM106H/883	VOLT. COMPARATOR, HIGH-SPEED	National
8004101EA	1(0)	DS7831J/883B	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	National
8004101FA	1	DS7831W/883B	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	National
8004102EA	1(0)	DS7832J/883B	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	National
8004102FA	2	DS7832W/883B	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	National
8100604EA	1	IHS043MJE	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
8100609EA	1	HI1-5040/883	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	Harris
8100610EA	1	HI1-5041/883	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
8100611EA	1	HI1-5042/883	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	Harris
81006122A	1(.5)	HI4-5043/883	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
8100612EA	1	HI1-5043/883	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
8100613EA	1	HI1-5044/883	ANALOG SWITCH, DPST, 1-CHANNEL, 30 OHMS	Harris
81006142A	1	HI4-5045/883	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
8100614EA	1	HI1-5045/883	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
8100615EA	1(.5)	HI-5046/883	ANALOG SWITCH, DPDT, 1-CHANNEL, 75 OHMS	Harris
8100616EA	0	HI1-5047/883	ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS	Harris
8100617EA	1	HI1-5046A/883	ANALOG SWITCH, DPDT, 1-CHANNEL, 30 OHMS	Harris
8100618EA	1	HI1-5047A/883	ANALOG SWITCH, 4PST, 1-CHANNEL, 30 OHMS	Harris
8100619EA	0	HI1-5048/883	ANALOG SWITCH, SPST, 2-CHANNEL, 30 OHMS	Harris
81006202A	1	HI4-5049/883	ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS	Harris
8100620EA	0	HI1-5049/883	ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8100621EA	0	HI1-5050/883	ANALOG SWITCH, SPDT, 1-CHANNEL, 30 OHMS	Harris
81006222A	1	HI4-5051/883	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
8100622EA	1	HI1-5051/883	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
8101601EA	1	CD4029BMJ/883	BINARY/DECADE COUNTER, 4-BIT PRESETTABLE UP/DOWN	National
8101602EA	1 (1.)	CD4029BF3A	COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	Harris
8101701EA	1	CD4035BF3A	SHIFT REGISTER, 4-BIT PARALLEL-IN, PARALLEL-OUT	Harris
8101801EA	1	CD4053BF3A	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	Harris
8101802EA	2	14053B/BEAJC	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	Motorola
8101803EA	1 (0)	CD4053BMJ/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	National
8101803FA	1 (0)	CD4053BMW/883	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	National
8102001CA	1	CD4047BF3A	MULTIVIBRATOR, MONOSTABLE/ASTABLE	Harris
8102002CA	1 (0)	CD4047BMJ/883	MULTIVIBRATOR, MONOSTABLE/ASTABLE	National
8102002DA	1 (0)	CD4047BMW/883	MULTIVIBRATOR, MONOSTABLE/ASTABLE	National
81021012A	1 (<.5)	SNJ54LS629FK	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
8102101EA	1 (<.5)	SNJ54LS629J	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
8102101FA	1 (<.5)	SNJ54LS629W	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
81023012A	1 (.5)	TL061MFKB	OP AMP, BIFET, LOW-POWER	T.I.
8102301HA	1 (.5)	TL061MUB	OP AMP, BIFET, LOW-POWER	T.I.
8102301FA	1 (.5)	TL061MJGB	OP AMP, BIFET, LOW-POWER	T.I.
81023022A	2 (2)	TL062MFKB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
8102302HA	2 (2)	TL062MUB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
8102302PA	2 (2)	TL062MJGB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
81023032A	2 (2)	TL064MFKB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
8102303CA	2 (2)	TL064MUB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
8102303DA	2 (2)	TL064MWB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
81023042A	1 (0)	TL071MFKB	OP AMP, BIFET, LOW-POWER	T.I.
8102304HA	1 (0)	TL071MUB	OP AMP, BIFET, LOW-POWER	T.I.
8102304PA	1 (0)	TL071MJGB	OP AMP, BIFET, LOW-POWER	T.I.
81023052A	2 (2)	TL072MFKB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
8102305HA	2 (2)	TL072MUB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
8102305PA	2 (2)	TL072MJGB	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
81023062A	1 (<1)	TL074MFKB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
8102306CA	1 (<1)	TL074MUB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
8102306GA	1	LF147D/883	OP AMP, QUAD, BIFET, LOW-POWER	National
8102306DA	1 (<1)	TL074MWB	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
8102401VA	1	HM1-6504S/883	STATIC RAM, 4K X 1, 120 NS ACCESS TIME	Harris
8102402VA	1	HM1-6514S/883	STATIC RAM, 1K X 4, 120 NS ACCESS TIME	Harris
8102403VA	1	HM1-6504B/883	STATIC RAM, 4K X 1, 200 NS ACCESS TIME	Harris
8102404VA	1	HM1-6514B/883	STATIC RAM, 1K X 4, 200 NS ACCESS TIME	Harris
8102405VA	1 (1.5)	HM1-6504/883	STATIC RAM, 4K X 1, 300 NS ACCESS TIME	Harris
8102406VA	1	HM1-6514/883	STATIC RAM, 1K X 4, 300 NS ACCESS TIME	Harris
81036072A	2 (2)	PAL16L8AMFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
8103607RA	2 (2)	PAL16L8AMUB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
8103607SA	2 (2)	PAL16L8AMWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
81036082A	1 (.5)	PAL16R8AMFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T.I.
8103608RA	1 (.5)	PAL16R8AMUB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T.I.
8103608SA	1 (.5)	PAL16R8AMWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T.I.
81036092A	1 (0)	PAL16R6AMFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T.I.
8103609RA	1 (0)	PAL16R6AMUB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T.I.
8103609SA	1 (0)	PAL16R6AMWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T.I.
81036102A	1 (0)	PAL16R4AMFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T.I.
8103610RA	1 (0)	PAL16R4AMUB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T.I.
8103610SA	1 (0)	PAL16R4AMWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T.I.
81036112A	1 (0)	PAL16L8A-2MFKB	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T.I.
8103611RA	1 (0)	PAL16L8A-2MUB	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T.I.
8103611SA	1 (0)	PAL16L8A-2MWB	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T.I.
81036122A	1 (0)	PAL16R8A-2MFKB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
8103612RA	1 (0)	PAL16R8A-2MUB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
8103612SA	1 (0)	PAL16R8A-2MWB	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
81036132A	1 (0)	PAL16R6A-2MFKB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
8103613RA	1 (0)	PAL16R6A-2MUB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
8103613SA	1 (0)	PAL16R6A-2MWB	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
81036142A	1 (.5)	PAL16R4A-2MFKB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8103614RA	1 (.5)	PAL16R4A-2MUB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8103614SA	1 (.5)	PAL16R4A-2MWB	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8202102TA	1	68000-8/BZAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202102UC	1	68000-8/BYCJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202102XA	1	68000-8T/BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202102YA	1 (0)	68000-8/BXAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202102ZA	1	68000-8/BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202103TA	1	68000-10/BZAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202103UC	1	68000-10/BYCJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8202103XA	1	68000-10T/BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202103YA	1	68000-10/BXAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202103ZA	1	68000-10/BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202104TA	1	68000-12/BZAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202104XA	1	68000-12T/BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202104YA	1	68000-12/BXAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202104ZA	1	68000-12BUAJC	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
8202201EA	1	CD40174BMJ/883B	FLIP-FLOP, D-TYPE, HEX	National
8202201FA	1 (0)	CD40174BMW/883B	FLIP-FLOP, D-TYPE, HEX	National
8203602GA	1 (0)	OP07H/883	OP AMP, LOW-OFFSET	National
8301301QA	1	NSC800D/883B	MICROPROCESSOR, 8-BIT, 2.5 MHZ	National
8301301ZA	1	NSC800E/883B	MICROPROCESSOR, 8-BIT, 2.5 MHZ	National
8301302QA	1	NSC800D-35/883	MICROPROCESSOR, 8-BIT, 3.5 MHZ	National
8301302ZA	1	NSC800B-35/883	MICROPROCESSOR, 8-BIT, 3.5 MHZ	National
8301701JA	1	DM54LS154FJ/883B	DECODER/DEMULTIPLEXER, 4-TO-16-LINE	National
8301901ZA	2 (2)	SNJ54ALS174FK	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
8301901EA	2 (2)	SNJ54ALS174J	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
8301901FA	2 (2)	SNJ54ALS174W	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
8301902ZA	2 (2)	SNJ54ALS175FK	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
8301902EA	2 (2)	SNJ54ALS175J	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
8301902FA	2 (2)	SNJ54ALS175W	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
8302001ZA	2 (2)	SNJ54ALS373FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
8302001RA	2 (2)	SNJ54ALS373J	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
8302001SA	2 (2)	SNJ54ALS373W	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
8302002ZA	2 (2)	SNJ54ALS374FK	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
8302002RA	2 (2)	SNJ54ALS374J	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
8302002SA	2 (2)	SNJ54ALS374W	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
8302101ZA	1 (.5)	SNJ54ALS299FK	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302101RA	1 (.5)	SNJ54ALS299J	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302101SA	1 (.5)	SNJ54ALS299W	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302102ZA	1 (.5)	SNJ54ALS323FK	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302102RA	1 (.5)	SNJ54ALS323J	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302102SA	1 (.5)	SNJ54ALS323W	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
8302201ZA	3 (4)	SNJ54ALS161BFK	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
8302201EA	3 (4)	SNJ54ALS161BJ	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
8302201FA	3 (4)	SNJ54ALS161BW	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
8302202ZA	2 (2)	SNJ54ALS163BFK	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
8302202EA	2 (2)	SNJ54ALS163BJ	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
8302202FA	2 (2)	SNJ54ALS163BW	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
8302203ZA	1 (<.5)	SNJ54ALS561AFK	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
8302203RA	1 (<.5)	SNJ54ALS561AJ	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
8302203SA	1 (<.5)	SNJ54ALS561AW	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
8302501ZA	2 (2)	SNJ54ALS169BFK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
8302501EA	2 (2)	SNJ54ALS169BJ	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
8302501FA	2 (2)	SNJ54ALS169BW	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
8302502ZA	1 (1)	SNJ54ALS569AFK	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
8302502RA	1 (1)	SNJ54ALS569AJ	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
8302502SA	1 (1)	SNJ54ALS569AW	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
8400001ZA	3 (4)	SNJ54ALS109AFK	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
8400001EA	3 (4)	SNJ54ALS109AJ	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
8400001FA	3 (4)	SNJ54ALS109AW	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
8400002ZA	1 (1)	SNJ54ALS112AFK	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
8400002EA	1 (1)	SNJ54ALS112AJ	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
8400002FA	1 (1)	SNJ54ALS112AW	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
8400101ZA	2 (2)	SNJ54ALS574AFK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8400101RA	2 (2)	SNJ54ALS574AJ	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8400101SA	2 (2)	SNJ54ALS574AW	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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84001022A	2 (2)	SNJ54ALS576AFK	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8400102RA	2 (2)	SNJ54ALS576AJ	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8400102SA	2 (2)	SNJ54ALS576AW	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
84010013A	2 (2)	SNJ54ALS874BPK	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T.I.
8401001KA	2 (2)	SNJ54ALS874BW	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T.I.
8401001LA	2 (2)	SNJ54ALS874BJT	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T.I.
84011012A	2 (2)	SNJ54ALS74AFK	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
8401101CA	2 (2)	SNJ54ALS74AJ	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
8401101DA	2 (2)	SNJ54ALS74AW	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
84012012A	2 (2)	SNJ54ALS573FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
8401201RA	2 (2)	SNJ54ALS573J	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
8401201SA	2 (2)	SNJ54ALS573W	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
84012022A	2 (2)	SNJ54ALS580FK	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8401202RA	2 (2)	SNJ54ALS580J	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8401202SA	2 (2)	SNJ54ALS580W	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
84013022A	2 (2)	SNJ54ALS243AFK	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
8401302CA	2 (2)	SNJ54ALS243AJ	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
8401302DA	2 (2)	SNJ54ALS243AW	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
84030012A	2 (2)	SNJ54ALS245AFK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8403001RA	2 (2)	SNJ54ALS245AJ	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8403001SA	2 (2)	SNJ54ALS245AW	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
84031012A	2 (2)	SNJ54ALS1034FK	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
8403101BA	2 (2)	SNJ54ALS1034WA	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
8403101CA	2 (2)	SNJ54ALS1034J	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
8403101DA	2 (2)	SNJ54ALS1034W	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
84032013A	2 (2)	SNJ54ALS873FK	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
8403201KA	2 (2)	SNJ54ALS873W	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
8403201LA	2 (2)	SNJ54ALS873JT	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
84033012A	2 (2)	SNJ54ALS645AFK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8403301RA	2 (2)	SNJ54ALS645AJ	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8403301SA	2 (2)	SNJ54ALS645AW	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8403601JA	1	HM1-6516/883	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
8403601ZA	1	HM4-6516/883	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
8403602JA	1	IM1-65162/000	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
8403602ZA	1	HM4-65162/883	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
8403603JA	1	HM1-65162C/883	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
8403603ZA	1	HM4-65162C/883	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
8403606JA	1	HM1-65162B/883	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
8403606ZA	1	HM4-65162B/883	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
8403607JA	1	HM1-6516B/883	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	Harris
8403607ZA	1	HM4-6516B/883	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	Harris
8403701CA	1	CD54HC00F3A	NAND GATE, QUAD 2-INPUT	Harris
84038012A	1 (1)	SNJ54HC10FK	NAND GATE, TRIPLE 3-INPUT	T.I.
8403801CA	1	CD54HC10F3A	NAND GATE, TRIPLE 3-INPUT	Harris
8403801DA	1 (1)	SNJ54HC10J	NAND GATE, TRIPLE 3-INPUT	T.I.
8403801DA	1 (1)	SNJ54HC10W	NAND GATE, TRIPLE 3-INPUT	T.I.
84039012A	1 (1.5)	SNJ54HC20FK	NAND GATE, DUAL 4-INPUT	T.I.
8403901CA	1 (1.5)	SNJ54HC20J	NAND GATE, DUAL 4-INPUT	T.I.
8403901CA	1	CD54HC20F3A	NAND GATE, DUAL 4-INPUT	Harris
8403901DA	1 (1.5)	SNJ54HC20W	NAND GATE, DUAL 4-INPUT	T.I.
84040012A	1 (1)	54HC30	NAND GATE, 8-INPUT	T.I.
8404001CA	1 (1)	54HC30	NAND GATE, 8-INPUT	T.I.
8404001CA	1	CD54HC30F3A	NAND GATE, 8-INPUT	Harris
8404001DA	1 (1)	54HC30	NAND GATE, 8-INPUT	T.I.
84041012A	1 (1)	SNJ54HC02FK	NOR GATE, QUAD 2-INPUT	T.I.
8404101CA	1	CD54HC02F3A	NOR GATE, QUAD 2-INPUT	Harris
8404101CA	1 (1)	SNJ54HC02J	NOR GATE, QUAD 2-INPUT	T.I.
8404101DA	1 (1)	SNJ54HC02W	NOR GATE, QUAD 2-INPUT	T.I.
8404201CA	1	CD54HC27F3A	NOR GATE, TRIPLE 3-INPUT	Harris
8404302CA	1	CD54HC7266F3A	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	Harris
84044012A	2 (2)	SNJ54HC4002FK	NOR GATE, DUAL 4-INPUT	T.I.
8404401CA	1	CD54HC4002F3A	NOR GATE, DUAL 4-INPUT	Harris
8404401CA	2 (2)	SNJ54HC4002J	NOR GATE, DUAL 4-INPUT	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8404401DA	2 (2)	SNJ54HC4002W	NOR GATE, DUAL 4-INPUT	T.I.
84045012A	2 (2)	SNJ54HC32FK	OR GATE, QUAD 2-INPUT	T.I.
8404501CA	2 (2)	SNJ54HC32J	OR GATE, QUAD 2-INPUT	T.I.
8404501CA	1	CD54HC32F3A	OR GATE, QUAD 2-INPUT	Harris
8404501DA	2 (2)	SNJ54HC32W	OR GATE, QUAD 2-INPUT	T.I.
84046012A	2 (2)	SNJ54HC86FK	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
8404601CA	1	CD54HC86F3A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
8404601CA	2 (2)	SNJ54HC86J	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
8404601DA	2 (2)	SNJ54HC86W	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
84047012A	1 (1)	SNJ54HC08FK	AND GATE, QUAD 2-INPUT	T.I.
8404701CA	1 (1)	SNJ54HC08J	AND GATE, QUAD 2-INPUT	T.I.
8404701CA	1	CD54HC08F3A	AND GATE, QUAD 2-INPUT	Harris
8404701DA	1 (1)	SNJ54HC08W	AND GATE, QUAD 2-INPUT	T.I.
8404801CA	1	CD54HC11F3A	AND GATE, TRIPLE 3-INPUT	Harris
8405201QA	2	MD80C86/883	MICROPROCESSOR, 16-BIT, 5 MHZ	Harris
8405201XA	2	MR80C86/883	MICROPROCESSOR, 16-BIT, 5 MHZ	Harris
8405202QA	2	MD80C86-2/883	MICROPROCESSOR, 16-BIT, 8 MHZ	Harris
8405202XA	2	MR80C86-2/883	MICROPROCESSOR, 16-BIT, 8 MHZ	Harris
84056012A	2 (2)	SNJ54HC74FK	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
8405601CA	1	CD54HC74F3A	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	Harris
8405601CA	2 (2)	SNJ54HC74J	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
8405601DA	2 (2)	SNJ54HC74W	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
84062012A	3 (4)	SNJ54HC138FK	DECODER, 3-TO-8-LINE	T.I.
8406201EA	3 (4)	SNJ54HC138J	DECODER, 3-TO-8-LINE	T.I.
8406201EA	1	CD54HC138F3A	DECODER, 3-TO-8-LINE	Harris
8406201FA	3 (4)	SNJ54HC138W	DECODER, 3-TO-8-LINE	T.I.
8406401EA	1	CD54HC147F3A	PRIORITY ENCODER, 10-TO-4-LINE	Harris
84065013A	1	MR82C54/883	INTERVAL TIMER, PROGRAMMABLE	Harris
8406501JA	1	MD82C54/883	INTERVAL TIMER, PROGRAMMABLE	Harris
84065023A	1	MR82C54-12/883	INTERVAL TIMER, PROGRAMMABLE	Harris
8406502JA	1	MD82C54-12/883	INTERVAL TIMER, PROGRAMMABLE	Harris
8406601QA	1	MD82C55A-5/883	PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ	Harris
8406601XA	1	MD82C55A-5/883	PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ	Harris
8406602QA	1	MD82C55A/883	PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ	Harris
8406602XA	1 (1.)	MR82C55A/883	PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ	Harris
84067012A	1	MR82C82/883	BUS DRIVER, OCTAL LATCHED	Harris
8406701RA	1	MD82C82/883	BUS DRIVER, OCTAL LATCHED	Harris
84067022A	1	MR82C83H/883	BUS DRIVER, OCTAL LATCHED	Harris
8406702RA	1	MD82C83H/883	BUS DRIVER, OCTAL LATCHED	Harris
84068012A	1	MR82C84A/883	CLOCK GENERATOR/DRIVER, 25 MHZ	Harris
8406801VA	1	MD82C84A/883	CLOCK GENERATOR/DRIVER, 25 MHZ	Harris
84069012A	1	MR82C88/883	BUS CONTROLLER, 8 MHZ	Harris
8406901RA	1	MD82C88/883	BUS CONTROLLER, 8 MHZ	Harris
8407001EA	1	CD54HC75F3A	LATCH, DUAL 2-BIT, TRANSPARENT	Harris
8407001EA	1 (.5)	SNJ54HC75J	LATCH, DUAL 2-BIT, TRANSPARENT	T.I.
8407001FA	1 (.5)	SNJ54HC75W	LATCH, DUAL 2-BIT, TRANSPARENT	T.I.
84071012A	2 (2)	SNJ54HC374FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8407101RA	1	CD54HC374F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
8407101RA	2 (2)	SNJ54HC374J	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8407101SA	2 (2)	SNJ54HC374W	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
84072012A	2 (2)	SNJ54HC373FK	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8407201RA	2 (2)	SNJ54HC373J	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8407201RA	1	CD54HC373F3A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
8407201SA	2 (2)	SNJ54HC373W	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
84073012A	1 (1)	SNJ54HC174FK	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
8407301EA	1 (1)	SNJ54HC174J	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
8407301EA	1	CD54HC174F3A	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	Harris
8407301FA	1 (1)	SNJ54HC174W	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
84074012A	2 (2)	SNJ54HC240FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8407401RA	2 (2)	SNJ54HC240J	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8407401RA	1	CD54HC240F3A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Harris
8407401SA	2 (2)	SNJ54HC240W	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
84075012A	2 (2)	SNJ54HC161FK	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
8407501E	I	MM54HC161J/883B	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	National
8407501EA	1	CD54HC161F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	Harris
8407501EA	2 (2)	SNJ54HC161J	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
8407501FA	2 (2)	SNJ54HC161W	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
84079012A	2 (2)	SNJ54ALS162BPK	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
8407901EA	2 (2)	SNJ54ALS162BJ	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
8407901FA	2 (2)	SNJ54ALS162BW	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
84085012A	3 (4)	SNJ54HC245FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8408501RA	1	CD54HC245F3A	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8408501RA	3 (4)	SNJ54HC245J	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8408501SA	3 (4)	SNJ54HC245W	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8408801EA	1	CD54HC112F3A	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	Harris
8408801EA	3 (4)	SNJ54HC112J	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
8408801FA	3 (4)	SNJ54HC112W	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
84089012A	2 (2)	SNJ54HC175FK	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
8408901EA	2 (2)	SNJ54HC175J	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
8408901EA	1	CD54HC175F3A	FLIP-FLOP, D-TYPE, 4-BIT	Harris
8408901FA	2 (2)	SNJ54HC175W	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
8409001CA	1	CD54HC243F3A	BUS TRANSCEIVER, QUAD, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	Harris
84091012A	2 (2)	SNJ54HC14FK	HEX INVERTER, SCHMITT TRIGGER	T.I.
8409101CA	1	CD54HC14F3A	HEX INVERTER, SCHMITT TRIGGER	Harris
8409101CA	2 (2)	SNJ54HC14J	HEX INVERTER, SCHMITT TRIGGER	T.I.
8409101DA	2 (2)	SNJ54HC14W	HEX INVERTER, SCHMITT TRIGGER	T.I.
84092012A	2 (2)	SNJ54HC139FK	DECODER, DUAL 2-TO-4-LINE	T.I.
8409201EA	2 (2)	SNJ54HC139J	DECODER, DUAL 2-TO-4-LINE	T.I.
8409201EA	1	CD54HC139F3A	DECODER, DUAL 2-TO-4-LINE	Harris
8409201FA	2 (2)	SNJ54HC139W	DECODER, DUAL 2-TO-4-LINE	T.I.
84093012A	1 (1)	SNJ54HC153FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
8409301EA	1	CD54HC153F3A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Harris
8409301EA	1 (1)	SNJ54HC153J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
8409301FA	1 (1)	SNJ54HC153W	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
8409401EA	1	CD54HC162F3A	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS RESET	Harris
84095012A	1 (1)	SNJ54HC165FK	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
8409501EA	1 (1)	SNJ54HC165J	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
8409501EA	1	CD54HC165F3A	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	Harris
8409501FA	1 (1)	SNJ54HC165W	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
84096012A	2 (2)	SNJ54HC244FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
8409601RA	1	CD54HC244F3A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
8409601RA	2 (2)	SNJ54HC244J	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
8409601SA	2 (2)	SNJ54HC244W	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
84098012A	1 (1.5)	SNJ54HC04FK	HEX INVERTER	T.I.
8409801CA	1	CD54HC04F3A	HEX INVERTER	Harris
8409801CA	1 (1.5)	SNJ54HC04J	HEX INVERTER	T.I.
8409801DA	1 (1.5)	SNJ54HC04W	HEX INVERTER	T.I.
84099012A	2 (2)	SNJ54HC273FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
8409901RA	2 (2)	SNJ54HC273J	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
8409901RA	1 (1.5)	CD54HC273F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Harris
8409901SA	2 (2)	SNJ54HC273W	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
84100012A	2 (2)	SNJ54HC393FK	BINARY COUNTER, DUAL 4-BIT	T.I.
8410001CA	1	CD54HC393F3A	BINARY COUNTER, DUAL 4-BIT	Harris
8410001CA	2 (2)	SNJ54HC393J	BINARY COUNTER, DUAL 4-BIT	T.I.
8410001DA	2 (2)	SNJ54HC393W	BINARY COUNTER, DUAL 4-BIT	T.I.
84109012A	3 (4)	TL431MFKB	VOLT. REFERENCE, PROGRAMMABLE	T.I.
8410901PA	1 (0)	431/BPAJC	VOLT. REFERENCE, PROGRAMMABLE	Motorola
8410901PA	3 (4)	TL431MJG	VOLT. REFERENCE, PROGRAMMABLE	T.I.
84128012A	1 (1)	SNJ54HC151FK	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	T.I.
8412801EA	1 (1)	SNJ54HC151J	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	T.I.
8412801EA	1	CD54HC151F3A	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	Harris
8412901KA	1 (0)	PAL20L8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
8412901LA	1 (0)	PAL20L8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
8412901XA	1 (0)	PAL20L8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
8412902KA	1 (0)	PAL20R8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
8412902LA	1 (0)	PAL20R8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
8412902XA	1 (0)	PAL20R8-20	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
8412903KA	1 (0)	PAL20R6-20	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
8412903LA	1 (0)	PAL20R6-20	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
8412903XA	1 (0)	PAL20R6-20	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
8412904KA	1 (0)	PAL20R4-20	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8412904LA	1 (0)	PAL20R4-20	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8412904XA	1 (0)	PAL20R4-20	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
8413201RA	1	HM1-65262/883	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
8413201YA	1	HM4-65262/883	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
8413203RA	1	HM1-65262B/883	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	Harris
8413203YA	1	HM4-65262B/883	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	Harris
84134012A	2 (2)	SNJ54ALS153FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
8413401FA	2 (2)	SNJ54ALS153J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
8413401FA	2 (2)	SNJ54ALS153W	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
84135012A	2 (2)	SNJ54ALS251FK	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8413501EA	2 (2)	SNJ54ALS251J	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8413501FA	2 (2)	SNJ54ALS251W	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
84136012A	2 (2)	SNJ54ALS273FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8413601RA	2 (2)	SNJ54ALS273J	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T. I.
8413601SA	2 (2)	SNJ54ALS273W	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T. I.
84141012A	2 (2)	SNJ54ALS151FK	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
8414101EA	2 (2)	SNJ54ALS151J	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
8414101FA	2 (2)	SNJ54ALS151W	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
84142012A	2 (2)	SNJ54ALS09FK	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
8414201BA	2 (2)	SNJ54ALS09WA	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
8414201CA	2 (2)	SNJ54ALS09J	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
0414201DA	2 (2)	SNJ54ALS09W	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
84143012A	2 (2)	SNJ54ALS21AFK	AND GATE, DUAL 4-INPUT	T. I.
8414301CA	2 (2)	SNJ54ALS21AJ	AND GATE, DUAL 4-INPUT	T. I.
8414301DA	2 (2)	SNJ54ALS21AW	AND GATE, DUAL 4-INPUT	T. I.
84145012A	2 (2)	SNJ54ALS832AFK	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
8414501RA	2 (2)	SNJ54ALS832AJ	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
8414501SA	2 (2)	SNJ54ALS832AW	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
84150012A	2 (2)	SNJ54HC109FK	FLIP-FLOP, JK, DUAL	T. I.
8415001EA	1	CD54HC109F3A	FLIP-FLOP, JK, DUAL	Harris
8415001EA	2 (2)	SNJ54HC109J	FLIP-FLOP, JK, DUAL	T. I.
8415001FA	2 (2)	SNJ54HC109W	FLIP-FLOP, JK, DUAL	T. I.
84151012A	1 (.5)	SNJ54LS682FK	MAGNITUDE COMPARATOR, 8-BIT	T. I.
8415101RA	1 (.5)	SNJ54LS682J	MAGNITUDE COMPARATOR, 8-BIT	T. I.
8415101SA	1 (.5)	SNJ54LS682W	MAGNITUDE COMPARATOR, 8-BIT	T. I.
84152012A	1 (.5)	SNJ54LS684FK	MAGNITUDE COMPARATOR, 8-BIT	T. I.
8415201RA	1 (.5)	SNJ54LS684J	MAGNITUDE COMPARATOR, 8-BIT	T. I.
8415201SA	1 (.5)	SNJ54LS684W	MAGNITUDE COMPARATOR, 8-BIT	T. I.
84153012A	1 (.5)	SNJ54LS688FK	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T. I.
8415301RA	1 (.5)	SNJ54LS688J	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T. I.
8415301SA	1 (.5)	SNJ54LS688W	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T. I.
84154012A	1 (.5)	SNJ54LS399FK	REGISTER, QUAD 2-PORT	T. I.
8415401EA	1 (.5)	SNJ54LS399J	REGISTER, QUAD 2-PORT	T. I.
8415401FA	1 (.5)	SNJ54LS399W	REGISTER, QUAD 2-PORT	T. I.
84155012A	1 (<2)	SNJ54LS540FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
8415501SA	1 (<2)	SNJ54LS540W	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
84156012A	1 (<2)	SNJ54LS541FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
8415601SA	1 (<2)	SNJ54LS541W	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
84161012A	1 (1)	SNJ54LS640FK	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
8416101RA	1 (1)	SNJ54LS640J	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
8416101SA	1 (1)	SNJ54LS640W	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
84162012A	2 (2)	SNJ54HC164FK	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	T. I.
8416201CA	1	CD54HC164F3A	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	Harris
8416201EA	2 (2)	SNJ54HC164J	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	T. I.
8418002XA	1	LM136AH-5.0/883B	VOLT. REFERENCE, 5.0V, PRECISION	National
8418501CA	1	1733/BCAJC	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	Motorola
8418501CA	1 (.5)	UA733MJB	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
8418501H	A	UA733MUB	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
8418501IA	1	1733/BIAJC	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	Motorola
84185022A	1 (.5)	SE592FKB	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
8418502CA	1 (.5)	SE592JB	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
8418502HA	1 (.5)	SE592	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
84185032A	1 (.5)	TL027	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
8418503CA	1 (.5)	TL027	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T. I.
85001012A	1 (1)	SNJ54HC365FK	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
8500101EA	1	CD54HC365F3A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
8500101FA	1 (1)	SNJ54HC365J	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
8500101FA	1 (1)	SNJ54HC365W	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
85002012A	2 (2)	SNJ54HC367FK	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
8500201EA	1	CD54HC367F3A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
8500201FA	2 (2)	SNJ54HC367J	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
85003012A	2 (2)	SNJ54HC4020FK	BINARY COUNTER, 14-STAGE RIPPLE	T. I.
8500301EA	2 (2)	SNJ54HC4020J	BINARY COUNTER, 14-STAGE RIPPLE	T. I.
8500301FA	1	CD54HC4020F3A	BINARY COUNTER, 14-STAGE RIPPLE	Harris
8500301FA	2 (2)	SNJ54HC4020W	BINARY COUNTER, 14-STAGE RIPPLE	T. I.
85004012A	2 (2)	SNJ54HC4040FK	BINARY COUNTER, 12 STAGE RIPPLE	T. I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8500401EA	2 (2)	SNJ54HC4040J	BINARY COUNTER, 12-STAGE RIPPLE	T.I.
8500401EA	1 (1.5)	CD54HC4040F3A	BINARY COUNTER, 12-STAGE RIPPLE	Harris
8500401FA	2 (2)	SNJ54HC4040W	BINARY COUNTER, 12-STAGE RIPPLE	T.I.
85015013A	1	MR82C52/883	CONTROLLER INTERFACE, SERIAL, 16 MHZ	Harris
8501501XA	1	MD82C52/883	CONTROLLER INTERFACE, SERIAL, 16 MHZ	Harris
8506401QA	3	80C31BH/BQA	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	Philips
8506401XA	3	80C31BH/BUA	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	Philips
8506402QA	3	80C51BH-BQA	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	Philips
8506402XA	3	80C51BH/BUA	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	Philips
8506403QA		80C31BH-16/BQA	MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	Philips
8506403XA	3	80C31BH-16/BUA	MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	Philips
8506404QA	3	80C51-16/BQA	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	Philips
8506404XA	3	80C51-16/BUA	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	Philips
85084012A	1 (.5)	SNJ54LS145FK	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
8508401EA	1 (.5)	SNJ54LS145J	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
8508401FA	1 (.5)	SNJ54LS145W	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
85096012A	2 (2)	SNJ54ALS253FK	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
8509601EA	2 (2)	SNJ54ALS253J	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
8509601FA	2 (2)	SNJ54ALS253W	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
85097012A	1 (1)	SNJ54ALS257FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
8509701EA	1 (1)	SNJ54ALS257J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
8509701FA	1 (1)	SNJ54ALS257W	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
85124012A	3 (4)	SNJ54HC257FK	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
8512401EA	1	CD54HC257F3A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	Harris
8512401FA	3 (4)	SNJ54HC257J	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
85125012A	3 (4)	SNJ54HC251FK	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8512501EA	3 (4)	SNJ54HC251J	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
8512501FA	1	CD54HC251F3A	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Harris
85126012A	1 (.5)	SNJ54LS33FK	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8512601CA	1 (.5)	SNJ54LS33J	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
8512601DA	1 (.5)	SNJ54LS33W	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
85126022A	1 (0)	SNJ54LS28FK	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
85126022A	1 (0)	SNJ54LS28FK	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
8512602CA	1 (0)	SNJ54LS28J	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
8512602DA	1 (0)	SNJ54LS28W	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
85128012	A 3	SNJ54HC573AFK	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8512801RA	1 (1)	SNJ54HC573AJ	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
8512801EA	1	CD54HC573F3A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
8512801S	3	SNJ54HC573AW	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
85130012A	1 (1)	SNJ54HCT244FK	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
8513001RA	1	CD54HCT244F3A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
8513001EA	1 (1)	SNJ54HCT244J	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
8550401EA	1	CD54HCT138F3A	DECODER, 3-TO-8-LINE	Harris
8550401EA	2 (2)	SNJ54HCT138J	DECODER, 3-TO-8-LINE	T.I.
85505012A	2 (2)	SNJ54HCT240FK	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
8550501RA	1	CD54HCT240F3A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Harris
8550501EA	2 (2)	SNJ54HCT240J	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
85506012A	2 (2)	SNJ54HCT245FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8550601RA	2 (2)	SNJ54HCT245J	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8550601EA	1	CD54HCT245F3A	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
85507012A	1 (1)	SNJ54HCT374FK	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
8550701RA	1 (1)	SNJ54HCT374J	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
8550701EA	1 (1.5)	CD54HCT374F3A	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	Harris
85511012A	3 (4)	SNJ54F245FK	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
85511012A	1 (0)	54F245M/B2AJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
8551101RA	1 (0)	54F245/BRAJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
8551101EA	3 (4)	SNJ54F245J	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8551101SA	3 (4)	SNJ54F245W	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
8551101EA	1 (0)	54F245/BSAJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
8551501VA	1 (0)	1526/BVAJC	PULSE WIDTH MODULATOR, REGULATING	Motorola
8551501VA	1	1526BJ	PULSE WIDTH MODULATOR, REGULATING	Linfinity
85519012A	1 (1)	SNJ54HC259FK	LATCH, 8-BIT ADDRESSABLE	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
8551901EA	1 (1)	SNJ54HC259J	LATCH, 8-BIT ADDRESSABLE	T. I.
8551901EA	1 (1.5)	CD54HC259F3A	LATCH, 8-BIT ADDRESSABLE	Harris
8551901FA	1 (1)	SNJ54HC259W	LATCH, 8-BIT ADDRESSABLE	T. I.
86009012A	1 (1)	54HC390	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	T. I.
8600901EA	1 (1)	54HC390	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	T. I.
8601001CA	1	CD54HC04F3A	HEX INVERTER, UNBUFFERED	Harris
8601101EA	1	CD54HC4017F3A	DECADE COUNTER/DIVIDER	Harris
86012012A	1 (1.5)	SNJ54HC4024FK	BINARY COUNTER, 7-STAGE RIPPLE	T. I.
8601201CA	1	CD54HC4024F3A	BINARY COUNTER, 7-STAGE RIPPLE	Harris
8601201CA	1 (1.5)	SNJ54HC4024J	BINARY COUNTER, 7-STAGE RIPPLE	T. I.
8601301EA	1	CD54HC85F3A	MAGNITUDE COMPARATOR, 4-BIT	Harris
86014012A	1 (0)	LM119E/883	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
8601401CA	1 (0)	LM119J/883	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
8601401HA	1	LM119W/883	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
8601401IA	1 (0)	LM119H/883	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
8607601EA	1	CD54HC163F3A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Harris
86077012A	1 (1)	SNJ54HC280FK	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	T. I.
8607701CA	1 (1)	SNJ54HC280J	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	T. I.
8607701CA	1	CD54HC280F3A	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	Harris
M38510/00101BCA	1 (0)	JD5430BCA	NAND GATE, 8-INPUT	National
M38510/00101BDA	1 (0)	JD5430BDA	NAND GATE, 8-INPUT	National
M38510/00102BCA	1 (0)	JD5420BCA	NAND GATE, DUAL 4-INPUT	National
M38510/00102BDA	1 (0)	JD5420BDA	NAND GATE, DUAL 4-INPUT	National
M38510/00103BCA	1 (0)	JD5410BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/00103BDA	1 (0)	5410	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/00103BDA	1 (0)	JD5410BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/00103BDA	1 (0)	5410	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/00103SDA	1 (0)	JD5410SDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/00104BCA	1 (0)	JD5400BCA	NAND GATE, QUAD 2-INPUT	National
M38510/00104BCA	1 (0)	5400	NAND GATE, QUAD 2-INPUT	T. I.
M38510/00104BDA	1 (0)	JD5400BDA	NAND GATE, QUAD 2-INPUT	National
M38510/00104BDA	1 (0)	5400	NAND GATE, QUAD 2-INPUT	T. I.
M38510/00104SCA	1 (0)	JD5400SCA	NAND GATE, QUAD 2-INPUT	National
M38510/00104SDA	1 (0)	JD5400SDA	NAND GATE, QUAD 2-INPUT	National
M38510/00105BCA	1 (0)	5404	HEX INVERTER	T. I.
M38510/00105BCA	1 (0)	JD5404BCA	HEX INVERTER	National
M38510/00105BDA	1 (0)	JD5404BDA	HEX INVERTER	National
M38510/00105BDA	1 (0)	5404	HEX INVERTER	T. I.
M38510/00105SCA	1 (0)	JD5404SCA	HEX INVERTER	National
M38510/00105SDA	1 (0)	JD5404SDA	HEX INVERTER	National
M38510/00107BCA	1 (0)	JD5401BCA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00107BDA	1 (0)	JD5401BDA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00108BCA	1 (0)	5405	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00109BCA	2 (2)	5403	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00109BCA	1 (0)	JD5403BCA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00203BCA	1 (0)	54107	FLIP-FLOP, JK, DUAL	T. I.
M38510/00205BCA	1 (0)	5474	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/00205BCA	1 (0)	JD5474BCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/00205BDA	1 (0)	JD5474BDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/00205BDA	1 (0)	5474	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/00301BCA	2 (2)	JD5440BCA	BUFFER/DRIVER, NAND, DUAL 4-INPUT	National
M38510/00301BDA	2 (2)	JD5440BDA	BUFFER/DRIVER, NAND, DUAL 4-INPUT	National
M38510/00302BCA	1 (0)	JD5437BCA	BUFFER/DRIVER, NAND, QUAD 2-INPUT	National
M38510/00302BDA	1 (0)	JD5437BDA	BUFFER/DRIVER, NAND, QUAD 2-INPUT	National
M38510/00303BCA	1 (0)	5438	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00303BCA	1 (0)	JD5438BCA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00303BDA	1 (0)	5438	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00303BDA	1 (0)	JD5438BDA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00303SCA	1 (0)	JD5438SCA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00303SDA	1 (0)	JD5438SDA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00401BCA	1 (0)	JD5402BCA	NOR GATE, QUAD 2-INPUT	National
M38510/00401BCA	1 (0)	5402	NOR GATE, QUAD 2-INPUT	T. I.
M38510/00401BDA	1 (0)	JD5402BDA	NOR GATE, QUAD 2-INPUT	National
M38510/00401BDA	1 (0)	5402	NOR GATE, QUAD 2-INPUT	T. I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/00401SCA	1 (0)	JD5402SCA	NOR GATE, QUAD 2-INPUT	National
M38510/00401SDA	1 (0)	JD5402SDA	NOR GATE, QUAD 2-INPUT	National
M38510/00403BCA	2 (2)	5425	NOR GATE, DUAL 4-INPUT, W/STROBE	T. I.
M38510/00404BCA	1 (0)	5427	NOR GATE, TRIPLE 3-INPUT	T. I.
M38510/00501BCA	1 (0)	5450	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	T. I.
M38510/00502BCA	1 (0)	5451	AND-OR-INVERT GATE, DUAL 2-WIDE	T. I.
M38510/00503BCA	1 (0)	5453	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	T. I.
M38510/00602BEA	1 (0)	JD5483BEA	ADDER, 4-BIT	National
M38510/00602BFA	1 (0)	JD5483BFA	ADDER, 4-BIT	National
M38510/00701BCA	1 (0)	JD5486BCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/00701BDA	1 (0)	JD5486BDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/00801BCA	1 (0)	JD5406BCA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00801BDA	2 (2)	5406	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00801BFA	1 (0)	JD5406BFA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00801BDA	2 (2)	5406	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00801SCA	1 (0)	JD5406SCA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00801SDA	1 (0)	JD5406SDA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00802BCA	1 (0)	JD5416BCA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00802BDA	1 (0)	JD5416BDA	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00803BCA	2 (2)	5407	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00803BCA	1 (0)	JD5407BCA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00803BDA	2 (2)	5407	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/00803BDA	1 (0)	JD5407BDA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00803SCA	1 (0)	JD5407SCA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00803SDA	1 (0)	JD5407SDA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00804BCA	1 (0)	JD5417BCA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00804BDA	1 (0)	JD5417BDA	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/00805BCA	1 (0)	JD5426BCA	BUFFER/DRIVER, QUAD 2-INPUT, INVERTING	National
M38510/00805BDA	1 (0)	JD5426BDA	BUFFER/DRIVER, QUAD 2-INPUT, INVERTING	National
M38510/00901BCA	1 (0)	JD5495BCA	SHIFT REGISTER, 4-BIT	National
M38510/00901BDA	1 (0)	JD5495BDA	SHIFT REGISTER, 4-BIT	National
M38510/00903BCA	1 (0)	54164	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T. I.
M38510/00905BEA	1 (0)	JD54194BEA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/01001BEA	1 (0)	JD5442BEA	DECODER, BCD-TO-DECIMAL	National
M38510/01001BFA	1 (0)	JD5442BFA	DECODER, BCD TO DECIMAL	National
M38510/01007BEA	1 (0)	JD5447BEA	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/01201BCA	1 (0)	JD54121BCA	MULTIVIBRATOR, MONOSTABLE	National
M38510/01201BDA	1 (0)	JD54121BDA	MULTIVIBRATOR, MONOSTABLE	National
M38510/01203BEA	1 (0)	54123	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE	T. I.
M38510/01204BCA	1 (0)	JD9601BCA	MULTIVIBRATOR, ONE-SHOT	National
M38510/01204BDA	1 (0)	JD9601BDA	MULTIVIBRATOR, ONE-SHOT	National
M38510/01205BEA	1 (0)	JD9602BEA	MULTIVIBRATOR, DUAL ONE-SHOT	National
M38510/01205BFA	1 (0)	JD9602BFA	MULTIVIBRATOR, DUAL ONE-SHOT	National
M38510/01303BEA	2 (2.5)	JD54160BEA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/01303BFA	2 (2.5)	JD54160BFA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/01304BFA	1 (1)	SL54163	BINARY COUNTER, 4-BIT SYNCHRONOUS	Landsdale (QPL)
M38510/01306BEA	1 (0)	JD54161BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/01306SEA	1 (0)	JD54161SEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/01309BEA	1 (0)	54193	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T. I.
M38510/01403BEA	1 (0)	JD54153BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/01403BFA	1 (0)	JD54153BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/01404BEA	1 (0)	JD9309BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/01404BFA	1 (0)	JD9309BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/01405BEA	1 (0)	JD9322BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/01405BFA	1 (0)	JD9322BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/01406BEA	1 (0)	JD54151BEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/01406BFA	1 (0)	JD54151BFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/01601BCA	1 (0)	JD5408BCA	AND GATE, QUAD 2-INPUT	National
M38510/01601BDA	1 (0)	JD5408BDA	AND GATE, QUAD 2-INPUT	National
M38510/01602BCA	1 (0)	JD5409BCA	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/01602BDA	1 (0)	JD5409BDA	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/01701BEA	1 (0)	54174	FLIP-FLOP, D-TYPE, HEX	T. I.
M38510/01701BDA	2 (2.25)	JD54174BDA	FLIP-FLOP, D-TYPE, HEX	National
M38510/01701BFA	2 (2.25)	JD54174BFA	FLIP-FLOP, D-TYPE, HEX	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/01701BFA	1 (0)	54174	FLIP-FLOP, D-TYPE, HEX	T. I.
M38510/01702BEA	2 (2)	54175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/01702BEA	1 (0)	JD54175BEA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/01702BFA	1 (0)	JD54175BFA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/01702BFA	2 (2)	54175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/01901BCA	1 (0)	JD54180BCA	PARITY GENERATOR/CHECKER, 8-BIT	National
M38510/01901BDA	1 (0)	JD54180BDA	PARITY GENERATOR/CHECKER, 8-BIT	National
M38510/02003BCA	1 (0)	JD54L10BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/02003BDA	1 (0)	JD54L10BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/02003SCA	1 (0)	JD54L10SCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/02003SDA	1 (0)	JD54L10SDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/02004BCA	1 (0)	JD54L00BCA	NAND GATE, QUAD 2-INPUT	National
M38510/02004BDA	1 (0)	JD54L00BDA	NAND GATE, QUAD 2-INPUT	National
M38510/02004SCA	1 (0)	JD54L00SCA	NAND GATE, QUAD 2-INPUT	National
M38510/02004SDA	1 (0)	JD54L00SDA	NAND GATE, QUAD 2-INPUT	National
M38510/02005BCA	1 (0)	JD54L04BCA	HEX INVERTER	National
M38510/02005BDA	1 (0)	JD54L04BDA	HEX INVERTER	National
M38510/02005SCA	1 (0)	JD54L04SCA	HEX INVERTER	National
M38510/02005SDA	1 (0)	JD54L04SDA	HEX INVERTER	National
M38510/02103BCA	1 (0)	JD54L73BCA	FLIP-FLOP, JK, DUAL	National
M38510/02103BDA	1 (0)	JD54L73BDA	FLIP-FLOP, JK, DUAL	National
M38510/02103SCA	1 (0)	JD54L73SCA	FLIP-FLOP, JK, DUAL	National
M38510/02103SDA	1 (0)	JD54L73SDA	FLIP-FLOP, JK, DUAL	National
M38510/02105BCA	1 (0)	JD54L74BCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/02105BDA	1 (0)	JD54L74BDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/02105SCA	1 (0)	JD54L74SCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/02105SDA	1 (0)	JD54L74SDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/02502BCA	1 (0)	JD54L93BCA	BINARY COUNTER, 4-BIT	National
M38510/02502BDA	1 (0)	JD54L93BDA	BINARY COUNTER, 4-BIT	National
M38510/02502SCA	1 (0)	JD54L93SCA	BINARY COUNTER, 4-BIT	National
M38510/02502SDA	1 (0)	JD54L93SDA	BINARY COUNTER, 4-BIT	National
M38510/02601SCA	1 (0)	JD54L86SCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/02601SDA	1 (0)	JD54L86SDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/02701BCA	1 (0)	JD54L02BCA	NOR GATE, QUAD 2-INPUT	National
M38510/02701BDA	1 (0)	JD54L02BDA	NOR GATE, QUAD 2-INPUT	National
M38510/02701SCA	1 (0)	JD54L02SCA	NOR GATE, QUAD 2-INPUT	National
M38510/02701SDA	1 (0)	JD54L02SDA	NOR GATE, QUAD 2-INPUT	National
M38510/02801BCA	1 (0)	JD54L95BCA	REGISTER, 4-BIT	National
M38510/02801BDA	1 (0)	JD54L95BDA	REGISTER, 4-BIT	National
M38510/02801SCA	1 (0)	JD54L95SCA	REGISTER, 4-BIT	National
M38510/02801SDA	1 (0)	JD54L95SDA	REGISTER, 4-BIT	National
M38510/03001BCA	1 (0.5)	JD9930BCA	NAND GATE, DUAL 4-INPUT	National
M38510/03001BDA	1 (0.5)	JD9930BDA	NAND GATE, DUAL 4-INPUT	National
M38510/03003BCA	1 (0)	JD9936BCA	HEX INVERTER	National
M38510/03003BDA	1 (0)	JD9936BDA	HEX INVERTER	National
M38510/03004BCA	1 (0)	JD9946BCA	NAND GATE, QUAD 2-INPUT	National
M38510/03004BDA	1 (0)	JD9946BDA	NAND GATE, QUAD 2-INPUT	National
M38510/03005BCA	1 (0)	JD9962BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/03005BDA	1 (0)	JD9962BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/05001BCA	3 (4)	JM4011ABCA	NAND GATE, QUAD 2-INPUT	National
M38510/05001BFA	1 (4)	CD4011AFB	NAND GATE, QUAD 2-INPUT	Harris
M38510/05001BDA	3 (4)	JM4011ABDA	NAND GATE, QUAD 2-INPUT	National
M38510/05002BCA	3 (4)	JM4012ABCA	NAND GATE, DUAL 4-INPUT	National
M38510/05002BDA	3 (4)	JM4012ABDA	NAND GATE, DUAL 4-INPUT	National
M38510/05003BCA	3 (4)	JM4023ABCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/05003BFA	1 (5)	CD4023AFB	NAND GATE, TRIPLE 3-INPUT	Harris
M38510/05003BDA	3 (4)	JM4023ABDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/05051BCA	1 (5)	CD4011BFB	NAND GATE, QUAD 2-INPUT	Harris
M38510/05052BCA	1 (5)	CD4012BFB	NAND GATE, DUAL 4-INPUT	Harris
M38510/05053BCA	1 (5)	CD4023BFB	NAND GATE, TRIPLE 3-INPUT	Harris
M38510/05101BCA	1 (1)	CD4013AFB	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510/05101BFA	3 (5)	JM4013ABCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/05101BDA	3 (5)	JM4013ABDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/05102BEA	2 (3.75)	JM4027ABEA	FLIP-FLOP, JK, DUAL	National
M38510/05102BEA	1 (5)	CD4027AFB	FLIP-FLOP, JK, DUAL	Harris
M38510/05102BFA	2 (3.75)	JM4027ABFA	FLIP-FLOP, JK, DUAL	National
M38510/05151BCA	1 (1)	CD4013RFB	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510/05151BFA	3 (5)	JM4013BBCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/05151BDA	3 (5)	JM4013BBDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/05152BEA	1 (1)	CD4027BFB	FLIP-FLOP, JK, DUAL	Harris
M38510/05201BCA	1 (5)	CD4000AFB	NOR GATE, DUAL 3-INPUT	Harris
M38510/05202BCA	1 (1)	CD4001AFB	NOR GATE, QUAD 2-INPUT	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/05202BCA	1(1.75)	JM4001ABCA	NOR GATE, QUAD 2-INPUT	National
M38510/05202BDA	1(1.75)	JM4001ABDA	NOR GATE, QUAD 2-INPUT	National
M38510/05203BCA	2(3)	JM4002ABCA	NOR GATE, DUAL 4-INPUT	National
M38510/05203BDA	2(3)	JM4002ABDA	NOR GATE, DUAL 4-INPUT	National
M38510/05204BCA	2(3)	JM4025ABCA	NOR GATE, TRIPLE 3-INPUT	National
M38510/05204BCA	1(.5)	CD4025AFB	NOR GATE, TRIPLE 3-INPUT	Harris
M38510/05204BDA	2(3)	JM4025ABDA	NOR GATE, TRIPLE 3-INPUT	National
M38510/05252BCA	1(0)	JM4001BBCA	NOR GATE, QUAD 2-INPUT	National
M38510/05252BCA	1(.5)	CD4001BFB	NOR GATE, QUAD 2-INPUT	Harris
M38510/05252BDA	1(0)	JM4001BBDA	NOR GATE, QUAD 2-INPUT	National
M38510/05254BCA	1(0)	JM4025BBCA	NOR GATE, TRIPLE 3-INPUT	National
M38510/05254BCA	1(.5)	CD4025BFB	NOR GATE, TRIPLE 3-INPUT	Harris
M38510/05254BDA	1(0)	JM4025BBDA	NOR GATE, TRIPLE 3-INPUT	National
M38510/05301BCA	1(0.4)	JM4007ABCA	COMPLIMENTARY PAIR, DUAL	National
M38510/05301BDA	1(0.4)	JM4007ABDA	COMPLIMENTARY PAIR, DUAL	National
M38510/05302BEA	3(4)	JM4019ABEA	AND/OR SELECT GATE, QUAD	National
M38510/05302BEA	1(.5)	CD4019AFB	AND/OR SELECT GATE, QUAD	Harris
M38510/05302BFA	3(4)	JM4019ABFA	AND/OR SELECT GATE, QUAD	National
M38510/05303BDA	2(3)	JM4030ABDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/05352BEA	1(1)	CD4019BFB	AND/OR SELECT GATE, QUAD	Harris
M38510/05352BEA	3(4)	JM4019BBEA	AND/OR SELECT GATE, QUAD	National
M38510/05352BFA	3(4)	JM4019BBFA	AND/OR SELECT GATE, QUAD	National
M38510/05353BCA	1(1)	CD4030BFB	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510/05503BEA	1(0.45)	JM4049ABEA	HEX INVERTER BUFFER	National
M38510/05503BEA	1(.5)	CD4049AFB	HEX INVERTER BUFFER	Harris
M38510/05503BFA	1(0.45)	JM4049ABFA	HEX INVERTER BUFFER	National
M38510/05504BEA	1(0.5)	JM4050ABEA	HEX BUFFER, NONINVERTING	National
M38510/05504BEA	1(.5)	CD4050AFB	HEX BUFFER, NONINVERTING	Harris
M38510/05504BFA	1(0.5)	JM4050ABFA	HEX BUFFER, NONINVERTING	National
M38510/05553BEA	1(1)	CD4049BFB	HEX INVERTER BUFFER	Harris
M38510/05554BEA	1(0.5)	JM4050BBEA	HEX BUFFER, NONINVERTING	National
M38510/05554BFA	1(0.5)	JM4050BBFA	HEX BUFFER, NONINVERTING	National
M38510/05601BEA	3(4)	JM4017ABEA	DECADE COUNTER	National
M38510/05601BEA	1(1.5)	CD4017AFB	DECADE COUNTER	Harris
M38510/05601BFA	3(4)	JM4017ABFA	DECADE COUNTER	National
M38510/05602BEA	2(2)	JM4018ABEA	COUNTER, DIVIDE-BY-N	National
M38510/05602BFA	2(2)	JM4018ABFA	COUNTER, DIVIDE-BY-N	National
M38510/05603BEA	1(.4)	CD4020AFB	BINARY COUNTER, 14-STAGE	Harris
M38510/05603BEA	1(1)	JM4020ABEA	BINARY COUNTER, 14-STAGE	National
M38510/05603BFA	1(1)	JM4020ABFA	BINARY COUNTER, 14-STAGE	National
M38510/05604BEA	3(4)	JM4022ABEA	COUNTER, DIVIDE-BY-8	National
M38510/05604BFA	3(4)	JM4022ABFA	COUNTER, DIVIDE-BY-8	National
M38510/05605BCA	1(1.5)	CD4024AFB	BINARY COUNTER, 7-STAGE	Harris
M38510/05651BEA	1(1.5)	CD4017BFB	DECADE COUNTER	Harris
M38510/05652BEA	1(1.5)	CD4018BFB	COUNTER, DIVIDE-BY-N	Harris
M38510/05652BEA	2(2)	JM4018BBEA	COUNTER, DIVIDE-BY-N	National
M38510/05652BFA	2(2)	JM4018BBFA	COUNTER, DIVIDE-BY-N	National
M38510/05653BEA	1(1.5)	CD4020BFB	BINARY COUNTER, 14-STAGE	Harris
M38510/05655BCA	1(1.5)	CD4024BFB	BINARY COUNTER, 7-STAGE	Harris
M38510/05701BCA	1(1)	JM4006ABCA	SHIFT REGISTER, DUAL 4-STAGE/5-STAGE	National
M38510/05701BDA	1(1)	JM4006ABDA	SHIFT REGISTER, DUAL 4-STAGE/5-STAGE	National
M38510/05702BEA	1(1)	JM4014ABEA	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
M38510/05702BFA	1(1)	JM4014ABFA	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
M38510/05703BEA	1(1)	JM4015ABEA	SHIFT REGISTER, DUAL 4-STAGE	National
M38510/05703BFA	1(1)	JM4015ABFA	SHIFT REGISTER, DUAL 4-STAGE	National
M38510/05704BEA	1(0.5)	JM4021ABEA	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
M38510/05704BFA	1(0.5)	JM4021ABFA	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
M38510/05754BEA	1(1.5)	CD4021BFB	SHIFT REGISTER, STATIC	Harris
M38510/05852BCA	1(.5)	CD4066BFB	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510/06001B2A	1(0)	10501M/B2AJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
M38510/06001BEA	1(0)	10501/BEAJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
M38510/06001BFA	1(0)	10501/BFAJC	OR/NOR GATE, QUAD 2-INPUT	Motorola
M38510/06002B2A	1(0)	10502M/B2AJC	NOR-OR/NOR GATE	Motorola
M38510/06002BEA	1(0)	10502/BEAJC	NOR-OR/NOR GATE	Motorola
M38510/06002BFA	1(0)	10502/BFAJC	NOR-OR/NOR GATE	Motorola
M38510/06003B2A	1(0)	10505M/B2AJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
M38510/06003BEA	1(0)	10505/BEAJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
M38510/06003BFA	1(0)	10505/BFAJC	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
M38510/06004B2A	1(0)	10506M/B2AJC	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola
M38510/06004BEA	1(0)	10506/BEAJC	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/06004BFA	1 (0)	10506/BFAJC	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola
M38510/06005B2A	1 (0)	10507M/B2AJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
M38510/06005BEA	1 (0)	10507/BEAJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
M38510/06005BFA	1 (0)	10507/BFAJC	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
M38510/06006B2A	1 (0)	10509M/B2AJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
M38510/06006BEA	1 (0)	10509/BEAJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
M38510/06006BFA	1 (0)	10509/BFAJC	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
M38510/06101B2A	1 (0)	10531M/B2AJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/06101BFA	1 (0)	10531/BFAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/06102B2A	1 (0)	10631M/B2AJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/06102BEA	1 (0)	10631/BEAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/06102BFA	1 (0)	10631/BFAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/06103B2A	1 (0)	10576M/B2AJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/06103BEA	1 (0)	10576/BEAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/06103BFA	1 (0)	10576/BFAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/06104B2A	1 (0)	10535M/B2AJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/06104BEA	1 (0)	10535/BEAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/06104BFA	1 (0)	10535/BFAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/06201B2A	2 (2)	10504M/B2AJC	AND/NAND GATE, QUAD 2-INPUT	Motorola
M38510/06201BEA	2 (2)	10504/BEAJC	AND/NAND GATE, QUAD 2-INPUT	Motorola
M38510/06201BFA	2 (2)	10504/BFAJC	AND/NAND GATE, QUAD 2-INPUT	Motorola
M38510/06202B2A	1 (0)	10597/B2AJC	AND GATE, HEX	Motorola
M38510/06202BEA	1 (0)	10597/BEAJC	AND GATE, HEX	Motorola
M38510/06202BFA	1 (0)	10597/BFAJC	AND GATE, HEX	Motorola
M38510/06301B2A	1 (0)	10524M/B2AJC	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
M38510/06301BEA	1 (0)	10524/BEAJC	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
M38510/06301BFA	1 (0)	10524/BFAJC	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
M38510/06302B2A	1 (0)	10525M/B2AJC	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
M38510/06302BEA	1 (0)	10525/BEAJC	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
M38510/06302BFA	1 (0)	10525/BFAJC	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
M38510/07001BCA	1 (1)	54S00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/07001BDA	1 (1)	54S00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/07002BCA	1 (1)	54S03	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/07003BCA	1 (1)	54S04	HEX INVERTER	T. I.
M38510/07003BDA	1 (1)	54S04	HEX INVERTER	T. I.
M38510/07004BCA	1 (0)	54S05	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/07005BCA	1 (0)	54S10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/07005BDA	1 (0)	54S10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/07006BCA	1 (0)	54S20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/07006BDA	1 (0)	54S20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/07007BCA	1 (0)	54S22	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T. I.
M38510/07009BEA	1 (1)	54S133	NAND GATE, 13-INPUT	T. I.
M38510/07009BFA	1 (1)	54S133	NAND GATE, 13-INPUT	T. I.
M38510/07101BCA	1 (1)	54S74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/07101BDA	1 (1)	54S74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/07102BEA	1 (0)	54S112	FLIP-FLOP, JK, DUAL	T. I.
M38510/07102BFA	1 (0)	54S112	FLIP-FLOP, JK, DUAL	T. I.
M38510/07105BEA	1 (1)	54S174	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/07105BFA	1 (1)	54S174	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/07106BEA	1 (1)	54S175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/07201BCA	1 (0)	54S40	BUFFER/DRIVER, NAND, DUAL 4-INPUT	T. I.
M38510/07301BCA	1 (<2)	54S02	NOR GATE, QUAD 2-INPUT	T. I.
M38510/07401BCA	1 (1)	54S51	AND-OR-INVERT GATE, DUAL 2-WIDE	T. I.
M38510/07401BDA	1 (1)	54S51	AND-OR-INVERT GATE, DUAL 2-WIDE	T. I.
M38510/07401BDA	1 (1)	54S51	AND-OR-INVERT GATE, DUAL 2-WIDE	Landsdale (QPL)
M38510/07402BCA	1 (1)	54S64	AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT	T. I.
M38510/07402BDA	1 (1)	54S64	AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT	T. I.
M38510/07501BCA	1 (<2)	54S86	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
M38510/07501BDA	1 (<2)	54S86	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
M38510/07601BEA	1 (<.5)	54S194	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T. I.
M38510/07701BEA	1 (<2)	54S138	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T. I.
M38510/07701BFA	1 (<2)	54S138	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T. I.
M38510/07801BJA	1 (0)	54S181	ALU/FUNCTION GENERATOR, 4-BIT	T. I.
M38510/07802BEA	2 (2)	54S182	LOOK AHEAD CARRY GENERATOR	T. I.
M38510/07901BEA	1 (0)	54S151	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
M38510/07901BFA	1 (0)	54S151	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
M38510/07902BEA	1 (1)	54S153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/07902BFA	1 (1)	54S153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/07903BEA	1 (1)	54S157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.
M38510/07903BFA	1 (1)	54S157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.
M38510/07904BEA	2 (2)	54S158	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/07904BFA	2 (2)	54S158	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
M38510/07905BEA	1 (<.5)	54S251	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
M38510/07906BEA	1 (1)	54S257	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
M38510/08001BCA	1 (<2)	54S11	AND GATE, TRIPLE 3-INPUT	T.I.
M38510/08001BDA	1 (<2)	54S11	AND GATE, TRIPLE 3-INPUT	T.I.
M38510/08003BCA	1 (0)	54S08	AND GATE, QUAD 2-INPUT	T.I.
M38510/08003BDA	1 (0)	54S08	AND GATE, QUAD 2-INPUT	T.I.
M38510/08101BCA	1 (1)	54S140	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
M38510/08101BDA	1 (1)	54S140	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
M38510/08201BEA	1 (1)	54S85	MAGNITUDE COMPARATOR, 4-BIT	T.I.
M38510/08201BFA	1 (1)	54S85	MAGNITUDE COMPARATOR, 4-BIT	T.I.
M38510/10101BCA	1 (0.75)	JL741BCA	OP AMP, GENERAL PURPOSE	National
M38510/10101BDA	1 (0.75)	MM741DCA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10101BGA	1 (0.75)	MM741TEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10101BGA	1 (0.7)	PM741A J5	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10101BGA	1 (0.75)	JL741BGA	OP AMP, GENERAL PURPOSE	National
M38510/10101BGC	1 (0.7)	PM741A J1	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10101BHA	1 (0.75)	JL741BHA	OP AMP, GENERAL PURPOSE	National
M38510/10101BPA	1 (0.75)	JL741DEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10101BPA	1 (0.75)	JL741BPA	OP AMP, GENERAL PURPOSE	National
M38510/10101SCA	1 (0.75)	JL741SCA	OP AMP, GENERAL PURPOSE	National
M38510/10101SGA	1 (0.75)	JL741SGA	OP AMP, GENERAL PURPOSE	National
M38510/10101SGA	1 (0.7)	PM741SA J5	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10101SGC	1 (0.7)	PM741SA J1	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10101SHA	1 (0.75)	JL741SHA	OP AMP, GENERAL PURPOSE	National
M38510/10101SPA	1 (0.75)	JL741SPA	OP AMP, GENERAL PURPOSE	National
M38510/10102BAA	1 (.75)	MM747SCJA	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
M38510/10102BCA	1 (0.75)	MM747SDCA	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
M38510/10102BCA	1 (0.75)	JL747BCA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10102BDA	1 (.75)	MM747SCAA	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
M38510/10102BDA	1 (0.75)	JL747BDA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10102BIA	1 (.75)	MM747STFA	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
M38510/10102BTA	1 (0.75)	JL747BTA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10102SCA	1 (0.75)	JL747SCA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10102SDA	1 (0.75)	JL747SDA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10102SIA	1 (0.75)	JL747SIA	OP AMP, GENERAL PURPOSE, DUAL	National
M38510/10103BCA	1 (1)	MM101ADCA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10103BCA	1	LM101AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10103BCA	2 (3.5)	JL101ABCA	OP AMP, GENERAL PURPOSE	National
M38510/10103BGA	1	101ATJAN	OP AMP, GENERAL PURPOSE	Linfinity
M38510/10103BGA	1	LM101AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10103BGA	1 (1)	MM101ATEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10103BGA	2 (3.5)	JL101ABGA	OP AMP, GENERAL PURPOSE	National
M38510/10103BHA	1	101AFJAN	OP AMP, GENERAL PURPOSE	Linfinity
M38510/10103BHA	1	LM101AW	OP AMP, GENERAL PURPOSE	Linear
M38510/10103BHA	2 (3.5)	JL101ABHA	OP AMP, GENERAL PURPOSE	National
M38510/10103BHA	1 (1)	MM101ACQA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10103BPA	2 (3.5)	JL101ABPA	OP AMP, GENERAL PURPOSE	National
M38510/10103BPA	1	LM101AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10103BPA	1 (1)	MM101ADEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10103SCA	2 (3.5)	JL101ASCA	OP AMP, GENERAL PURPOSE	National
M38510/10103SGA	2 (3.5)	JL101ASGA	OP AMP, GENERAL PURPOSE	National
M38510/10103SGA	1	LM101AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10103SHA	2 (3.5)	JL101ASHA	OP AMP, GENERAL PURPOSE	National
M38510/10103SHA	1	LM101AW	OP AMP, GENERAL PURPOSE	Linear
M38510/10103SPA	2 (3.5)	JL101ASPA	OP AMP, GENERAL PURPOSE	National
M38510/10103SPA	1	LM101AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10103SXC	1	LM101AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10104B2A	1 (.7)	MM108ALSA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10104BCA	1	LM108AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10104BCA	1 (1.25)	JL108ABCA	OP AMP, GENERAL PURPOSE	National
M38510/10104BGA	1 (.7)	MM108ATEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10104BGA	1 (1.25)	JL108ABGA	OP AMP, GENERAL PURPOSE	National
M38510/10104BGA	1	LM108AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10104BGC	1	LM108AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10104BHA	1	LM108AW	OP AMP, GENERAL PURPOSE	Linear
M38510/10104BHA	1 (1.25)	JL108ABHA	OP AMP, GENERAL PURPOSE	National
M38510/10104BPA	1 (0.7)	PM108A Z5	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10104BPA	1	LM108AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10104BPA	1 (.7)	MM108ABEA	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
M38510/10104BPA	1 (1.25)	JL108ABPA	OP AMP, GENERAL PURPOSE	National
M38510/10104BPA	1 (.5)	LM108	OP AMP, GENERAL PURPOSE	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/10104BPA	2 (2)	108A/BPAJC	OP AMP, GENERAL PURPOSE	Motorola
M38510/10104BPB	1 (0.7)	PM108A Z2	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10104SCA	1	LM108AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10104SCA	1 (1.25)	JL108ASCA	OP AMP, GENERAL PURPOSE	National
M38510/10104SGA	1	LM108AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10104SGA	1 (0.7)	PM108SA J5	OP AMP, GENERAL PURPOSE	PMI (QPL)
M38510/10104SGA	1 (1.25)	JL108ASGA	OP AMP, GENERAL PURPOSE	National
M38510/10104SGC	1	LM108AH	OP AMP, GENERAL PURPOSE	Linear
M38510/10104SGC	1 (0.7)	PM108SA J1	OP AMP, GENERAL PURPOSE	PMI (OPL)
M38510/10104SGC	1 (1.25)	JL108ASGC	OP AMP, GENERAL PURPOSE	National
M38510/10104SHA	1	LM108AW	OP AMP, GENERAL PURPOSE	Linear
M38510/10104SHA	1 (1.25)	JL108ASHA	OP AMP, GENERAL PURPOSE	National
M38510/10104SPA	1	LM108AJ8	OP AMP, GENERAL PURPOSE	Linear
M38510/10104SPA	1 (1.25)	JL108ASPA	OP AMP, GENERAL PURPOSE	National
M38510/10105BEA	1 (1)	MM2101ADMA	OP AMP, DUAL	Raytheon (QPL)
M38510/10105BEA	1	2101AJJAN	OP AMP, DUAL	Linfinity
M38510/10106BEA	1	LH2108AD	OP AMP, DUAL	Linear
M38510/10106BEA	1 (1)	MM2108ADMA	OP AMP, DUAL	Raytheon (QPL)
M38510/10106BEA	1 (0.5)	PM2108A Q5	OP AMP, DUAL	PMI (QPL)
M38510/10106BEB	1 (0.5)	PM2108A Q2	OP AMP, DUAL	PMI (QPL)
M38510/10107BCA	1 (1.5)	JL118BCA	OP AMP, HIGH-SPEED	National
M38510/10107BCA	2	LM118J	OP AMP, HIGH-SPEED	Linear
M38510/10107BGA	2	LM118H	OP AMP, HIGH-SPEED	Linear
M38510/10107BGA	1 (1.5)	JL118BGA	OP AMP, HIGH-SPEED	National
M38510/10107BGC	2	LM118H	OP AMP, HIGH-SPEED	Linear
M38510/10107BHA	1 (1.5)	JL118BHA	OP AMP, HIGH-SPEED	National
M38510/10107BHA	2	LM118W	OP AMP, HIGH-SPEED	Linear
M38510/10107BPA	1 (1.5)	JL118BPA	OP AMP, HIGH-SPEED	National
M38510/10107BPA	1 (1)	LM118	OP AMP, HIGH-SPEED	T. I.
M38510/10107BPA	2	LM118J8	OP AMP, HIGH-SPEED	Linear
M38510/10107SCA	1 (1.5)	JL118SCA	OP AMP, HIGH-SPEED	National
M38510/10107SGA	1 (1.5)	JL118SGA	OP AMP, HIGH-SPEED	National
M38510/10107SGA	2	LM118H	OP AMP, HIGH-SPEED	Linear
M38510/10107SHA	1 (1.5)	JL118SHA	OP AMP, HIGH-SPEED	National
M38510/10107SPA	1 (1.5)	JL118SPA	OP AMP, HIGH-SPEED	National
M38510/10107SPA	2	LM118J8	OP AMP, HIGH-SPEED	Linear
M38510/10108BGA	1 (0.5)	JL1558BGA	OP AMP, DUAL	National
M38510/10108SGA	1 (0.5)	JL1558SGA	OP AMP, DUAL	National
M38510/10201BCA	1	723JJAN	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
M38510/10201BCA	1 (1.5)	JL723BCA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/10201BHA	1	723FJAN	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
M38510/10201BIA	1	723TJAN	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
M38510/10201BIA	1 (1.5)	JL723BIA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/10201SCA	1 (1.5)	JL723SCA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/10201SIA	1 (1.5)	JL723SIA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/10301BCA	1 (1.25)	JL710BCA	VOLT. COMPARATOR, DIFFERENTIAL	National
M38510/10301BGA	1 (1.25)	JL710BGA	VOLT. COMPARATOR, DIFFERENTIAL	National
M38510/10301BHA	1 (1.25)	JL710DHA	VOLT. COMPARATOR, DIFFERENTIAL	National
M38510/10302BIA	1 (1)	JL711BIA	VOLT. COMPARATOR, DUAL DIFFERENTIAL	National
M38510/10304B2A	1 (.3)	MM111LSA	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
M38510/10304BCA	1 (0.4)	JL111BCA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304BCA	1 (0)	PM111 Y5	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304BCA	1 (.3)	MM111DFA	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
M38510/10304BCB	1 (0)	PM111 Y2	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304BGA	1	LM111H	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
M38510/10304BGA	1 (0.4)	JL111BGA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304BGA	1 (0)	PM111 J5	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304BGA	1 (.3)	MM111TEA	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
M38510/10304BGC	1	LM111H	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
M38510/10304BHA	1 (0.4)	JL111BHA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304BHA	1 (.3)	MM111CQA	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
M38510/10304BPA	1 (0)	111/BPAJC	VOLT. COMPARATOR/BUFFER, PRECISION	Motorola
M38510/10304BPA	1 (0)	PM111 Z5	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304BPA	1 (0)	LM111	VOLT. COMPARATOR/BUFFER, PRECISION	T. I.
M38510/10304BPA	1 (0.4)	JL111BPA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304BPA	1 (.3)	MM111DEA	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
M38510/10304BPB	1 (0)	PM111 Z2	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (OPL)
M38510/10304SCA	1 (0.4)	JL111SCA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304SGA	1 (0)	PM111S J5	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304SGA	1	LM111H	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
M38510/10304SGA	1 (0.4)	JL111SGA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304SGC	1	LM111H	VOLT. COMPARATOR/BUFFER, PRECISION	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/10304SHA	1(0.4)	JL1111SHA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304SPA	1(0.4)	JL1111SPA	VOLT. COMPARATOR/BUFFER, PRECISION	National
M38510/10304SPA	1(0)	PM111S Z5	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10304SPB	1(0)	PM111S Z2	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
M38510/10305BEA	1(.3)	MM2111DMA	VOLT. COMPARATOR, DUAL	Raytheon (QPL)
M38510/10305BEA	1(0.4)	JL21111BEA	VOLT. COMPARATOR, DUAL	National
M38510/10305SEA	1(0.4)	JL21111SEA	VOLT. COMPARATOR, DUAL	National
M38510/10306BCA	2	LM119J	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10306BCA	1(0.75)	JL119BCA	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
M38510/10306BHA	2	LM119W	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10306BIA	1(0.75)	JL119BIA	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
M38510/10306BIA	2	LM119H	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10306SCA	2	LM119J	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10306SHA	2	LM119W	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10306SIA	2	LM119H	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307BCA	2	LT119AJ	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307BHA	2	LT119AW	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307BIA	2	LT119AH	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307SCA	2	LT119AJ	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307SHA	2	LT119AW	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10307SIA	2	LT119AH	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
M38510/10401BCA	1(.5)	55107A	LINE RECEIVER, DUAL	T.I.
M38510/10401BCA	1(0)	55107/BCAJC	LINE RECEIVER, DUAL	Motorola
M38510/10401BCA	1(0.75)	JD55107BCA	LINE RECEIVER, DUAL	National
M38510/10401BDA	1(0.75)	JD55107BDA	LINE RECEIVER, DUAL	National
M38510/10401BDA	1(.5)	55107A	LINE RECEIVER, DUAL	T.I.
M38510/10402BCA	1(.5)	55108A	LINE RECEIVER, DUAL OC	T.I.
M38510/10403BEA	2(2)	55114	LINE DRIVER, DUAL DIFFERENTIAL	T.I.
M38510/10403BFA	2(2)	55114	LINE DRIVER, DUAL DIFFERENTIAL	T.I.
M38510/10404BEA	1(1)	55115	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
M38510/10404BEA	1(1)	JD55115BEA	LINE RECEIVER, DUAL DIFFERENTIAL	National
M38510/10404BFA	1(1)	JD55115BFA	LINE RECEIVER, DUAL DIFFERENTIAL	National
M38510/10405BEA	2(4)	55113	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
M38510/10501BEA	1(0)	IHS040MDE	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	Harris
M38510/10502BEA	1(0)	IHS041MDE	ANALOG SWITCH, SPST, 2-CHANNEL, 75 OHMS	Harris
M38510/10503BEA	1(0)	IHS042MDE	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	Harris
M38510/10504BEA	1(0)	IHS043MDE	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
M38510/10505BEA	1(.5)	IHS044MDE	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	Harris
M38510/10506BEA	1(0)	IHS045MDE	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
M38510/10701BXA	3(10)	JL109BXA	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
M38510/10701BXA	1	109TJAN	VOLT. REGULATOR, FIXED, POSITIVE, 5V	Infinity
M38510/10701BYA	3(10)	JL109BYA	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
M38510/10701SXA	3(10)	JL109SXA	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
M38510/10702BXA	1	7805TJAN	VOLT. REGULATOR, FIXED, POSITIVE	Infinity
M38510/10702BXA	3(10)	JL140-5BXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10702SXA	3(10)	JL140-5SXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10703BXA	3(10)	JL140-12BXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10703BXA	1	7812TJAN	VOLT. REGULATOR, FIXED, POSITIVE	Infinity
M38510/10703SXA	3(10)	JL140-12SXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10704BXA	3(7.5)	JL140-15BXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10704SXA	3(7.5)	JL140-15SXA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10706BYA	3(10)	JL140-5BYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10706BYA	1	7805KJAN	VOLT. REGULATOR, FIXED, POSITIVE	Infinity
M38510/10706SYA	3(10)	JL140-5SYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10707BYA	3(10)	JL140-12BYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10707BYA	1	7812KJAN	VOLT. REGULATOR, FIXED, POSITIVE	Infinity
M38510/10707SYA	3(10)	JL140-12SYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10708BYA	1	7815KJAN	VOLT. REGULATOR, FIXED, POSITIVE	Infinity
M38510/10708BYA	3(10)	JL140-15BYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10708SYA	3(10)	JL140-15SYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10709BYA	3(10)	JL140-24BYA	VOLT. REGULATOR, FIXED, POSITIVE	National
M38510/10802BCA	1(0.8)	JL3045BCA	TRANSISTOR ARRAY	National
M38510/10802SCA	1(0.8)	JL3045SCA	TRANSISTOR ARRAY	National
M38510/10901BCA	1(.5)	SE555	TIMER, PRECISION	T.I.
M38510/10901BGA	1(1)	JL555BGA	TIMER, PRECISION	National
M38510/10901BPA	1(.5)	SE555	TIMER, PRECISION	T.I.
M38510/10901BPA	1(1)	JL555BPA	TIMER, PRECISION	National
M38510/10901SGA	1(1)	JL555SGA	TIMER, PRECISION	National
M38510/10901SPA	1(1)	JL555SPA	TIMER, PRECISION	National
M38510/10902BCA	1(.5)	SE556	TIMER, DUAL PRECISION	T.I.
M38510/11001BCA	1(0.5)	JL148BCA	OP AMP, QUAD	National
M38510/11001BCA	1(.8)	MM148DCA	OP AMP, QUAD	Raytheon (QPL)

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/11001BDA	1(0.5)	JL148BDA	OP AMP, QUAD	National
M38510/11001SCA	1(0.5)	JL148SCA	OP AMP, QUAD	National
M38510/11001SDA	1(0.5)	JL148SDA	OP AMP, QUAD	National
M38510/11003BCA	1(.4)	MM4156DCA	OP AMP, QUAD	Raytheon (QPL)
M38510/11003BDA	1(.4)	MM4156CAA	OP AMP, QUAD	Raytheon (QPL)
M38510/11004BCA	1(1)	JL4136BCA	OP AMP, QUAD	National
M38510/11004BCA	1(1.7)	PM4136 Y5	OP AMP, QUAD	PMI (QPL)
M38510/11004BCA	1(.5)	MM4136DCA	OP AMP, QUAD	Raytheon (QPL)
M38510/11004BCB	1(1.7)	PM4136 Y2	OP AMP, QUAD	PMI (OPL)
M38510/11004SCA	1(1)	JL4136SCA	OP AMP, QUAD	National
M38510/11005BCA	1(0)	LM124	OP AMP, QUAD	T.I.
M38510/11005BCA	1(0.3)	JL124BCA	OP AMP, QUAD	National
M38510/11005BCA	1(.6)	MM124DCA	OP AMP, QUAD	Raytheon (QPL)
M38510/11005BCA	4(4)	124/BCAJC	OP AMP, QUAD	Motorola
M38510/11005BDA	1(0)	LM124	OP AMP, QUAD	T.I.
M38510/11005BDA	1(0.3)	JL124BDA	OP AMP, QUAD	National
M38510/11005SCA	1(0.3)	JL124SCA	OP AMP, QUAD	National
M38510/11005SDA	1(0.3)	JL124SDA	OP AMP, QUAD	National
M38510/11006BCA	1(0.4)	JL124ABCA	OP AMP, QUAD	National
M38510/11006BDA	1(0.4)	JL124ABDA	OP AMP, QUAD	National
M38510/11006SCA	1(0.4)	JL124ASCA	OP AMP, QUAD	National
M38510/11006SDA	1(0.4)	JL124ASDA	OP AMP, QUAD	National
M38510/11101BCA	1(0.5)	SJM181BCA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11101BCC	1(0.5)	SJM181BCC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11101BIA	1(0.5)	SJM181BIA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11101BIC	1(0.5)	SJM181BIC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11101BXA	1(0.5)	SJM181BXA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11101BXA	1(0.5)	SJM181BXA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BCA	1(0.5)	SJM182BCA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BCC	1(0.5)	SJM182BCC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BIA	1(0.5)	SJM182BIA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BIC	1(0.5)	SJM182BIC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BXA	1(0.5)	SJM182BXA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11102BXA	1(0.5)	SJM182BXA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11103BEA	1(0.5)	SJM184BEA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11103BEC	1(0.5)	SJM184BEC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11103BXA	1(0.5)	SJM184BXA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11103BXC	1(0.5)	SJM184BXC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11104BEA	1(0.5)	SJM185BEA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11104BEC	1(0.5)	SJM185BEC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11104BXA	1(0.5)	SJM185BXA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11104BXC	1(0.5)	SJM185BXC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11105BCA	1(0.5)	SJM187BCA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11105BCC	1(0.5)	SJM187BCC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11105BIA	1(0.5)	SJM187BIA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11105BIC	1(0.5)	SJM187BIC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11105BXA	1(0.5)	SJM187BXA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11105BXC	1(0.5)	SJM187BXC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BCA	1(0.5)	SJM188BCA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BCC	1(0.5)	SJM188BCC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BIA	1(0.5)	SJM188BIA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BIC	1(0.5)	SJM188BIC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BXA	1(0.5)	SJM188BXA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11106BXC	1(0.5)	SJM188BXC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11107BEA	1(0.5)	SJM190BEA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11107BEC	1(0.5)	SJM190BEC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11107BXA	1(0.5)	SJM190BXA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11107BXC	1(0.5)	SJM190BXC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11108BEA	1(0.5)	SJM191BEA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11108BEC	1(0.5)	SJM191BEC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11108BXA	1(0.5)	SJM191BXA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11108BXC	1(0.5)	SJM191BXC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11201B2A	1(1.2)	MM139LSA	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
M38510/11201BCA	1(0)	139/BCAJC	VOLT. COMPARATOR, QUAD	Motorola
M38510/11201BCA	1(0.87)	JL139BCA	VOLT. COMPARATOR, QUAD	National
M38510/11201BCA	1(0)	LM139	VOLT. COMPARATOR, QUAD	T.I.
M38510/11201BCA	1(1.1)	PM139 Y5	VOLT. COMPARATOR, QUAD	PMI (OPL)
M38510/11201BCA	1(1.2)	MM139DCA	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
M38510/11201BCB	1(1.1)	PM139 Y2	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11201BCB	1(1.2)	PM139 Y2	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11201BDA	1(0.87)	JL139BDA	VOLT. COMPARATOR, QUAD	National
M38510/11201BDA	1(0)	LM139	VOLT. COMPARATOR, QUAD	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
M38510/11201BDA	1(1.2)	MM139CAA	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
M38510/11201BDA	1(1.1)	PM139 M5	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11201SCA	1(1.1)	PM139S Y5	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11201SCA	1(0.87)	JL139SCA	VOLT. COMPARATOR, QUAD	National
M38510/11201SCB	1(1.1)	PM139S Y2	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11201SDA	1(0.87)	JL139SDA	VOLT. COMPARATOR, QUAD	National
M38510/11201SDA	1(1.1)	PM139S M5	VOLT. COMPARATOR, QUAD	PMI (QPL)
M38510/11301BEA	1(1.4)	DAC08 Q5	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11301BEA	1(3)	MM4818DMA	D/A CONVERTER, 8-BIT	Raytheon (QPL)
M38510/11301BEB	1(1.4)	DAC08 Q2	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11301SEA	1(1.4)	DAC08S Q5	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11301SEB	1(1.4)	DAC08S Q2	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11302BEA	1(1.4)	DAC08A Q5	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11302BEA	1(3)	MM4818ADMA	D/A CONVERTER, 8-BIT	Raytheon (QPL)
M38510/11302BEB	1(1.4)	DAC08A Q2	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11302SEA	1(1.4)	DAC08SA Q5	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11302SEB	1(1.4)	DAC08SA Q2	D/A CONVERTER, 8-BIT	PMI (QPL)
M38510/11401BGA	1(1.5)	PM155 J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401BGA	1	LF155H	OP AMP, JFET-INPUT	Linear
M38510/11401BGA	1(1)	JL155BGA	OP AMP, JFET-INPUT	National
M38510/11401BGC	1(1.5)	PM155 J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401BGC	1	LF155H	OP AMP, JFET-INPUT	Linear
M38510/11401BPA	1	LF155J8	OP AMP, JFET-INPUT	Linear
M38510/11401BPA	1(1.5)	PM155 Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401BPB	1(1.5)	PM155 Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401SGA	1	LF155H	OP AMP, JFET-INPUT	Linear
M38510/11401SGA	1(1.3)	PM155S J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401SGC	1(1.3)	PM155S J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401SPA	1	LF155J8	OP AMP, JFET-INPUT	Linear
M38510/11401SPA	1(1.3)	PM155S Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11401SPB	1(1.3)	PM155S Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402BGA	1(1.25)	JL156BGA	OP AMP, JFET-INPUT	National
M38510/11402BGA	1	LF156H	OP AMP, JFET-INPUT	Linear
M38510/11402BGA	1(1.5)	PM156 J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402BGC	1	LF156H	OP AMP, JFET-INPUT	Linear
M38510/11402BGC	1(1.5)	PM156 J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402BHA	1	LF156W	OP AMP, JFET-INPUT	Linear
M38510/11402BPA	1	LF156J8	OP AMP, JFET-INPUT	Linear
M38510/11402BPA	1(1.5)	PM156 Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402BPB	1(1.5)	PM156 Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402SGA	1(1.25)	JL156SGA	OP AMP, JFET-INPUT	National
M38510/11402SGA	1	LF156H	OP AMP, JFET-INPUT	Linear
M38510/11402SGA	1(1.3)	PM156G J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402SGC	1(1.3)	PM156S J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402SPA	1(1.3)	PM156S Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11402SPA	1	LF156J8	OP AMP, JFET-INPUT	Linear
M38510/11402SPB	1(1.3)	PM156S Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11403BGA	1(1.5)	PM157 J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11403BGC	1(1.5)	PM157 J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11403BPA	1(1.5)	PM157 Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11403BPB	1(1.5)	PM157 Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11404BGA	1	LF155AH	OP AMP, JFET-INPUT	Linear
M38510/11404BGC	1	LF155AJ8	OP AMP, JFET-INPUT	Linear
M38510/11404BPA	1	LF155AJ8	OP AMP, JFET-INPUT	Linear
M38510/11404SGA	1(1.3)	PM155SA J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11404SGA	1	LF155AH	OP AMP, JFET-INPUT	Linear
M38510/11404SGC	1(1.3)	PM155SA J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11404SGC	1	LF155AH	OP AMP, JFET-INPUT	Linear
M38510/11404SPA	1	LF155AJ8	OP AMP, JFET-INPUT	Linear
M38510/11404SPA	1(1.3)	PM155SA Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11404SPB	1(1.3)	PM155SA Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405BGA	1(1.5)	PM156A J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405BGA	1	LF156AH	OP AMP, JFET-INPUT	Linear
M38510/11405BGC	1(1.5)	PM156A J1	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405BGC	1	LF156AH	OP AMP, JFET-INPUT	Linear
M38510/11405BHA	1	LF156AW	OP AMP, JFET-INPUT	Linear
M38510/11405BPA	1	LF156AJ8	OP AMP, JFET-INPUT	Linear
M38510/11405BPB	1(1.5)	PM156A Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405BPB	1(1.5)	PM156A Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405SGA	1(1.3)	PM156SA J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405SGA	1	LF156AH	OP AMP, JFET-INPUT	Linear
M38510/11405SGC	1(1.3)	PM156SA J1	OP AMP, JFET-INPUT	PMI (QPL)

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/11405SPA	1 (1.3)	PM156SA Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11405SPA	1	LF156AJ8	OP AMP, JFET-INPUT	Linear
M38510/11405SPB	1 (1.3)	PM156SA Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11406BGA	1 (1.3)	PM157A J5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11406BGC	1 (1.3)	PM157A Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11406BPA	1 (1.3)	PM157A Z5	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11406BPB	1 (1.3)	PM157A Z2	OP AMP, JFET-INPUT	PMI (QPL)
M38510/11501BXA	3	7905TJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11501BXA	3 (10)	JL120-5BXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11501SXA	3 (10)	JL120-5SXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11502BXA	3 (10)	JL120-12BXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11502BXA	3	7912TJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11502SXA	3 (10)	JL120-12SXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11503BXA	3 (10)	JL120-15BXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11503BXA	3	7915TJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11503SXA	3 (10)	JL120-15SXA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11505BYA	3 (10)	JL120-5BYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11505BYA	3	7905KJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11505BYA	3 (10)	JL120-5BYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11506BYA	3 (10)	JL120-12BYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11506BYA	3	7912KJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11506SYA	3 (10)	JL120-12SYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11507BYA	3	7915KJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11507BYA	3 (9.75)	JL120-15BYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11507SYA	3 (9.75)	JL120-15SYA	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
M38510/11508BYA	3	7924KJAN	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
M38510/11601BCA	1 (0.5)	SJM300BCA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11601BCA	1 (3)	DG300MDE	ANALOG SWITCH, SPST, 2-CHANNEL	Harris
M38510/11601BCC	1 (0.5)	SJM300BCC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11601BIA	1 (0.5)	SJM300BIA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11601BIC	1 (0.5)	SJM300BIC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11602BCA	1 (.4)	DG301MDE	ANALOG SWITCH, SPDT, 1-CHANNEL	Harris
M38510/11602BCA	1 (0.5)	SJM301BCA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11602BCC	1 (0.5)	SJM301BCC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11602BIA	1 (0.5)	SJM301BIA	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11602BIC	1 (0.5)	SJM301BIC	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
M38510/11603BCA	1 (.4)	DG302MDE	ANALOG SWITCH, DPST, 2-CHANNEL	Harris
M38510/11603BCA	1 (0.5)	SJM302BCA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11603BCC	1 (0.5)	SJM302BCC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11604BCA	1 (0.5)	SJM303BCA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11604BCA	1 (.4)	DG303MDE	ANALOG SWITCH, SPDT, 2-CHANNEL	Harris
M38510/11604BCC	1 (0.5)	SJM303BCC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11605BCA	1 (0.5)	SJM304BCA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11605BCC	1 (0.5)	SJM304BCC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11605BIA	1 (0.5)	SJM304BIA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11605BIC	1 (0.5)	SJM304BIC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/11606BCA	1 (0.5)	SJM305BCA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11606BCC	1 (0.5)	SJM305BCC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11606BIA	1 (0.5)	SJM305BIA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11606BIC	1 (0.5)	SJM305BIC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11607BCA	1 (0.5)	SJM306BCA	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11607BCC	1 (0.5)	SJM306BCC	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
M38510/11608BCA	1 (0.5)	SJM307BCA	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11608BCC	1 (0.5)	SJM307BCC	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
M38510/11703BXA	1	LM117H	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11703BXA	1 (1.5)	JL117BXA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/11703BXA	3	1177JAN	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
M38510/11703BXC	1	LM117H	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11703SXA	1	LM117H	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11703SXA	1 (1.5)	JL117SXA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/11704BYA	3 (10)	JL117BYA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/11704BYA	3	117KJAN	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
M38510/11704BYA	1	LM117K	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11704SYA	3 (10)	JL117SYA	VOLT. REGULATOR, ADJ., POSITIVE	National
M38510/11704SYA	1	LM117K	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11706BYA	2	LM138K	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11706SYA	2	LM138K	VOLT. REGULATOR, ADJ., POSITIVE	Linear
M38510/11803BXA	2	LM137H	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
M38510/11803BXA	1 (1.5)	JL137BXA	VOLT. REGULATOR, ADJ., NEGATIVE	National
M38510/11803BXC	2	LM137H	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
M38510/11803SXA	1 (1.5)	JL137SXA	VOLT. REGULATOR, ADJ., NEGATIVE	National
M38510/11803SXA	2	LM137H	VOLT. REGULATOR, ADJ., NEGATIVE	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/11803SXC	2	LM137H	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
M38510/11804BYA	2	LM137K	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
M38510/11804BYA	3(7)	JL137BYA	VOLT. REGULATOR, ADJ., NEGATIVE	National
M38510/11804BYA	3	137KJAN	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
M38510/11804SYA	2	LM137K	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
M38510/11804SYA	3(7)	JL137SYA	VOLT. REGULATOR, ADJ., NEGATIVE	National
M38510/11904BGA	1(0.75)	JL411BGA	OP AMP, BIFET, LOW-POWER	National
M38510/11904BPA	1(0.75)	JL411BPA	OP AMP, BIFET, LOW-POWER	National
M38510/11905BGA	2(2.25)	JL412BGA	OP AMP, DUAL, BI-FET, LOW POWER	National
M38510/11905BPA	2(2.25)	JL412BPA	OP AMP, DUAL, BI-FET, LOW POWER	National
M38510/11905BPA	2(2)	TL072	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
M38510/11906BCA	1(0)	TL074	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
M38510/11906BCA	1(0.9)	JL147BCA	OP AMP, QUAD, BIFET, LOW-POWER	National
M38510/12101BJA	1(1)	AD562SD	D/A CONVERTER, 12-BIT, EXTERNAL REFERENCE, 2 MA, FS	Analog Devices
M38510/12103BJA	1(0)	AD565SD	D/A CONVERTER, 12-BIT	Analog Devices
M38510/12202BGA	1(.4)	HA2-2600	OP AMP, WIDEBAND	Harris
M38510/12202BPA	1(.4)	HA7-2600	OP AMP, WIDEBAND	Harris
M38510/12203BGA	1(.4)	HA2-2620	OP AMP, WIDEBAND	Harris
M38510/12203BPA	1(.4)	HA7-2620	OP AMP, WIDEBAND	Harris
M38510/12204BGA	1(.4)	HA2-2500	OP AMP, PRECISION	Harris
M38510/12204BPA	1(.4)	HA7-2500	OP AMP, PRECISION	Harris
M38510/12205BGA	1(.4)	HA2-2510	OP AMP, HIGH-SPEED	Harris
M38510/12205BPA	1(.4)	HA7-2510	OP AMP, HIGH-SPEED	Harris
M38510/12206BGA	1(.5)	HA2-2520	OP AMP, HIGH-SPEED	Harris
M38510/12206BPA	1(.5)	HA7-2520	OP AMP, HIGH-SPEED	Harris
M38510/12301BCA	1(0.5)	SJM200BCA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/12301BCC	1(0.5)	SJM200BCC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/12301BIA	1(0.5)	SJM200BIA	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/12301BIC	1(0.5)	SJM200BIC	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
M38510/12302BEA	1(0.5)	SJM201BEA	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
M38510/12302BEA	1(.5)	DG201MDE	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510/12302BEC	1(0.5)	SJM201BEC	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
M38510/12407BGA	1	LT1021BMH-5	VOLT. REFERENCE, 5.0V, PRECISION	Linear
M38510/12407SGA	1	LT1021BMH-5	VOLT. REFERENCE, 5.0V, PRECISION	Linear
M38510/12408SGA	1	LT1021BMH-7	VOLT. REFERENCE, 7.0V	Linear
M38510/12409BGA	1	LT1021BMH-10	VOLT. REFERENCE, 10V	Linear
M38510/12409SGA	1	LT1021BMH-10	VOLT. REFERENCE, 10V	Linear
M38510/12501BGA	1	LF198H	SAMPLE AND HOLD AMPLIFIER	Linear
M38510/12501BGA	1(0.25)	JL198BGA	SAMPLE AND HOLD AMPLIFIER	National
M38510/12501BGC	1	LF198H	SAMPLE AND HOLD AMPLIFIER	Linear
M38510/12501SGA	1	LF198H	SAMPLE AND HOLD AMPLIFIER	Linear
M38510/12501SGA	1(0.25)	JL198SGA	SAMPLE AND HOLD AMPLIFIER	National
M38510/12501SQC	1	LF198H	SAMPLE AND HOLD AMPLIFIER	Linear
M38510/12601BEA	1(.5)	UC1524J	PULSE WIDTH MODULATOR, REGULATING	Unitrode
M38510/12601BEA	1	1524JJAN	PULSE WIDTH MODULATOR, REGULATING	Linfinity
M38510/12602BEA	3(4)	UC1525AJ	PULSE WIDTH MODULATOR, REGULATING	Unitrode
M38510/12602BEA	1	1525AJJAN	PULSE WIDTH MODULATOR, REGULATING	Linfinity
M38510/12603BVA	3(4)	UC1526J	PULSE WIDTH MODULATOR, REGULATING	Unitrode
M38510/12603BVA	1	1526BJJAN	PULSE WIDTH MODULATOR, REGULATING	Linfinity
M38510/12603BVA	1(0)	1526/BVAJC	PULSE WIDTH MODULATOR, REGULATING	Motorola
M38510/12604BEA	1	1527AJJAN	PULSE WIDTH MODULATOR, REGULATING	Linfinity
M38510/12604BVA	1(0)	UC15127AJ	PULSE WIDTH MODULATOR, REGULATING	Unitrode
M38510/12801BGA	1(0.5)	AD584SH	VOLT. REFERENCE, PROGRAMMABLE	Analog Devices
M38510/12802BGA	1(0.5)	AD584TH	VOLT. REFERENCE, PROGRAMMABLE	Analog Devices
M38510/12902BPA	2(2)	55451	PERIPHERAL DRIVER, DUAL AND	T.I.
M38510/12903BPA	1	55452BYJAN	PERIPHERAL DRIVER, DUAL AND	Linfinity
M38510/12903BPA	3(4)	55452	PERIPHERAL DRIVER, DUAL NAND	T.I.
M38510/12905BPA	1(1)	55454	PERIPHERAL DRIVER, DUAL NOR	T.I.
M38510/12908BPA	2(2)	55462	PERIPHERAL DRIVER, DUAL NAND	T.I.
M38510/12909BPA	2(2)	55463	PERIPHERAL DRIVER, DUAL OR	T.I.
M38510/13001BEA	2	55325JJAN	MEMORY CORE DRIVER, DUAL	Linfinity
M38510/13001BFA	2	55325FJAN	MEMORY CORE DRIVER, DUAL	Linfinity
M38510/13002BEA	2	55326JJAN	MEMORY CORE DRIVER, QUAD	Linfinity
M38510/13101BGA	2(2)	MM5534ATEA	OP AMP, LOW-NOISE	Raytheon (QPL)
M38510/13101BPA	2(2)	MM5534ADEA	OP AMP, LOW-NOISE	Raytheon (QPL)
M38510/13102BPA	2(3)	MM5532ADAH	OP AMP, DUAL LOW-NOISE	Raytheon (QPL)
M38510/13102BPA	2(2)	MM5532ADHA	OP AMP, DUAL LOW-NOISE	Raytheon (QPL)
M38510/13301BEA	1(0.5)	AD561SD	D/A CONVERTER, 10-BIT	Analog Devices
M38510/13501B2A	1(.75)	MM4807ALSA	OP AMP, PRECISION	Raytheon (QPL)
M38510/13501BGA	1(0.8)	OP07A J5	OP AMP, PRECISION	PMI (QPL)
M38510/13501BGA	1(.75)	MM4807ATEA	OP AMP, PRECISION	Raytheon (QPL)
M38510/13501BGA	1	OP07AH	OP AMP, PRECISION	Linear

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/13501BGC	1 (0.8)	OP07A J1	OP AMP, PRECISION	PMI (QPL)
M38510/13501BGC	1	OP07AH	OP AMP, PRECISION	Linear
M38510/13501BPA	1 (.75)	MM4807ADEA	OP AMP, PRECISION	Raytheon (QPL)
M38510/13501BPA	1 (0.8)	OP07A Z5	OP AMP, PRECISION	PMI (QPL)
M38510/13501BPA	1	OP07AJ8	OP AMP, PRECISION	Linear
M38510/13501BPA	1 (0.8)	OP07A Z2	OP AMP, PRECISION	PMI (QPL)
M38510/13501SGA	1	OP07AH	OP AMP, PRECISION	Linear
M38510/13501SGA	1 (0.8)	OP07SA J5	OP AMP, PRECISION	PMI (QPL)
M38510/13501SGC	1 (0.8)	OP07SA J1	OP AMP, PRECISION	PMT (QPL)
M38510/13501SGC	1	OP07AH	OP AMP, PRECISION	Linear
M38510/13501SPA	1	OP07AJ8	OP AMP, PRECISION	Linear
M38510/13501SPA	1 (0.8)	OP07SA Z5	OP AMP, PRECISION	PMI (QPL)
M38510/13501SPB	1 (0.8)	OP07SA Z2	OP AMP, PRECISION	PMI (QPL)
M38510/13502B2A	1 (.75)	MM4807LSA	OP AMP, LOW-OFFSET	Raytheon (QPL)
M38510/13502BGA	1	OP07H	OP AMP, LOW-OFFSET	Linear
M38510/13502BGA	1 (0.8)	OP07 J5	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502BGA	1 (.75)	MM4807TEA	OP AMP, LOW-OFFSET	Raytheon (QPL)
M38510/13502BGC	1	OP07H	OP AMP, LOW-OFFSET	Linear
M38510/13502BGC	1 (0.0)	OP07 J1	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502BPA	1	OP07J8	OP AMP, LOW-OFFSET	Linear
M38510/13502BPA	1 (0.8)	OP07 Z5	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502BPA	1 (.75)	MM4807DEA	OP AMP, LOW-OFFSET	Raytheon (QPL)
M38510/13502BPA	1 (0.8)	OP07 Z2	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502SGA	1	OP07H	OP AMP, LOW-OFFSET	Linear
M38510/13502SGA	1 (0.8)	OP07S J5	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502SGC	1	OP07H	OP AMP, LOW-OFFSET	Linear
M38510/13502SGC	1 (0.8)	OP07S J1	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502SPA	1	OP07J8	OP AMP, LOW-OFFSET	Linear
M38510/13502SPA	1 (0.8)	OP07S Z5	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13502SPB	1 (0.8)	OP07S Z2	OP AMP, LOW-OFFSET	PMI (QPL)
M38510/13503BGA	2	OP27AH	OP AMP, PRECISION	Linear
M38510/13503BGA	3 (5)	OP27A J5	OP AMP, PRECISION	PMI (QPL)
M38510/13503BGC	3 (5)	OP27A J1	OP AMP, PRECISION	PMI (QPL)
M38510/13503BGC	2	OP27AH	OP AMP, PRECISION	Linear
M38510/13503BPA	3 (5)	OP27A Z5	OP AMP, PRECISION	PMI (QPL)
M38510/13503BPA	2	OP27AJ8	OP AMP, PRECISION	Linear
M38510/13503BPA	3 (4)	OP27	OP AMP, PRECISION	T. I.
M38510/13503BPA	3 (5)	OP27A Z2	OP AMP, PRECISION	PMT (QPL)
M38510/13503SGA	2	OP27AH	OP AMP, PRECISION	Linear
M38510/13503SGA	3 (5)	OP27SA J5	OP AMP, PRECISION	PMI (QPL)
M38510/13503SGC	3 (5)	OP27SA J1	OP AMP, PRECISION	PMI (QPL)
M38510/13503SGC	2	OP27AH	OP AMP, PRECISION	Linear
M38510/13503SPA	3 (5)	OP027SA Z5	OP AMP, PRECISION	PMI (QPL)
M38510/13503SPA	2	OP27AJ8	OP AMP, PRECISION	Linear
M38510/13503SPB	3 (5)	OP27SA Z2	OP AMP, PRECISION	PMI (QPL)
M38510/13901BCA	1 (1)	AD534TD	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/13901BIA	1 (1)	AD534TH	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/13902BCA	1 (1)	AD534SD	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/13902BIA	1 (1)	AD534SH	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/13903BCA	1 (1)	AD532SD	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/13903BIA	1 (1)	AD532SH	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
M38510/14001BXA	1 (0.5)	AD574AUD	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Analog Devices
M38510/14002BXA	1 (0.5)	AD574ATD	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Analog Devices
M38510/14101BEA	2	2001JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14102BEA	1	2002JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14103BEA	1 (0)	2003A/BEAJC	TRANSISTOR ARRAY, DARLINGTON	Motorola
M38510/14103BEA	2	2003JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14104BEA	1	2004JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14105BEA	2	2005JJAN	TRANSISTOR ARRAY	Linfinity
M38510/14106BVA	2	2801JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14107BVA	1	2802JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14108BVA	2	2803JJAN	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
M38510/14109BVA	1	2804JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14110BVA	1	2805JJAN	TRANSISTOR ARRAY, DARLINGTON	Linfinity
M38510/14801BPA	4 (4)	431/BPAJC	VOLT. REFERENCE, PROGRAMMABLE	Motorola
M38510/14802BXA	1	LT1009MH	VOLT. REFERENCE DIODE, 2.5V	Linear
M38510/14802SXA	1	LT1009MH	VOLT. REFERENCE DIODE, 2.5V	Linear
M38510/15102BCA	1 (0)	JD5414BCA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/15102BDA	1 (0)	JD5414BDA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/16303BEA	1 (0)	54367	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/16304BEA	1 (0)	54368	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/17001BCA	1 (.5)	CD4081BFB	AND GATE, QUAD 2-INPUT	Harris

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/17002BCA	1(.5)	CD4082BFB	AND GATE, DUAL 4-INPUT	Harris
M38510/17003BCA	1(.5)	CD4073BFB	AND GATE, TRIPLE 3-INPUT	Harris
M38510/17101BCA	1(.5)	CD4071BFB	OR GATE, QUAD 2-INPUT	Harris
M38510/17103BCA	1(.5)	CD4075BFB	OR GATE, TRIPLE 3-INPUT	Harris
M38510/17203BCA	1(1)	CD4070BFB	EXCLUSIVE-OR GATE, QUAD	Harris
M38510/17401BCA	1(.5)	CD4069UBFB	HEX INVERTER	Harris
M38510/17403BEA	1(1)	CD4502BFB	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
M38510/17504BEA	1(1)	CD4098BFB	MULTIVIBRATOR. DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
M38510/17601BEA	1(1.5)	CD4099BFB	LATCH, 8-BIT ADDRESSABLE	Harris
M38510/19001BXA	1(.5)	H11-506	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL	Harris
M38510/19001BXC	1(0.5)	SJM506BXC	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL	Siliconix
M38510/19002BXA	1(.5)	H11-506A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
M38510/19003BXA	1(0.5)	SJM507BXA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Siliconix
M38510/19003BXA	1(.5)	H11-507	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Harris
M38510/19004BXA	1(.5)	H11-507A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
M38510/19005BEA	1(.5)	H11-509A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8 CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
M38510/19006BEA	1(.5)	H11-509A	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
M38510/19007BEA	1(.3)	H11-508	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
M38510/19007BEA	1(0.5)	SJM508BEA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
M38510/19007BEC	1(0.5)	SJM508BEC	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
M38510/19008BEA	1(0.5)	SJM509BEA	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL	Siliconix
M38510/19008BEA	1(.5)	H11-509	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL	Harris
M38510/19008BEC	1(0.5)	SJM509BEC	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL	Siliconix
M38510/20301BEA	1	82S126/BEA	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20301BFA	1	82S126/BFA	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20302BEA	1	82S129/BEA	PROM, 256 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20302BFA	1	82S129/BFA	PROM, 256 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20303BEA	1	82S126A/BEA	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20303BFA	1	82S126/BFA	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20304BEA	1	82S129A/BEA	PROM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Philips
M38510/20304BFA	1	82S129A/BFA	PROM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Philips
M38510/20401BEA	1	82S130/BEA	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20401BFA	1	82S130/BFA	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20402BEA	1	82S131/BEA	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20402BFA	1	82S131/BFA	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20403BEA	1	82S130A/BEA	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20403BFA	1	82S130A/BFA	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20404BEA	1	82S131A/BEA	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20404BFA	1	82S131A/BFA	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20602BVA	1(0.5)	82S137A/BVA	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20602BVA	1(0.5)	82S137/BVA	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20602BXA	1(0.5)	82S137A/BYA	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20602BXA	1(0.5)	82S137/BYA	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
M38510/20701BEA	1	82S23/BEA	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20701BFA	1	82S23/BFA	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20702BEA	1	82S123/BEA	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20702BFA	1	82S123/BFA	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20703BEA	1	82S23A/BEA	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20703BFA	1	82S23A/BFA	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
M38510/20704BEA	1	82S123A/BEA	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20704BFA	1	82S123A/BFA	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20802BJA	1	82S141/BJA	PROM, 512 X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20802BKA	1	82S141/BKA	PROM, 512 X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20803BJA	1(0.5)	82S115/BJA	PROM, 512 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20803BKA	1(0.5)	82S115/BKA	PROM, 512 X 8, WITH 3-STATE OUTPUTS	Philips
M38510/20902BVA	1	82S185/BVA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Philips
M38510/20902BVA	1(1)	JR29651DQA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Raytheon (QPL)
M38510/20902BYA	1	82S185/BYA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Philips
M38510/20904BJA	1(1)	JR29631DRA	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Raytheon (QPL)
M38510/20904BJA	1	82S181/BJA	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20904BKA	1	82S181/BKA	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20908BVA	1	82S185B/BVA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20908BYA	1	82S185B/BYA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
M38510/20909BJA	1	82S181A/BJA	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips

TABLE I
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M38510/20909BKA	1	82S181A/BKA	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
M38510/20910BVA	1	82S185A/BVA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
M38510/20910BYA	1	82S185A/BYA	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
M38510/21002BJA	1(1)	JR29681DR	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Raytheon (QPL)
M38510/21002BJA	1	82S191/BJA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/21002BKA	1	82S191/BKA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/21002BLA	1	82S191/BLA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/21004BJA	1	82S191A/BJA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/21004BKA	1	82S191A/BKA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/21004BLA	1	82S191A/BLA	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
M38510/22401BYA	1	JD27256-25	PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME	Intel
M38510/22402BYA	1	JD27256-20	PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME	Intel
M38510/22403BYA	1	JD27256-17	PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME	Intel
M38510/23101BEA	1(0)	93415/BEAJC	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME	Motorola
M38510/23110BWA	1(0)	93422/BWAJJC	STATIC RAM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Motorola
M38510/23112BWA	1(0)	93L422/BWAJJC	STATIC RAM, 256 X 4, LOW-POWER, WITH 3-STATE OUTPUTS, 75 NS ACCESS TIME	Motorola
M38510/23115BWA	1(0)	93L422A/BWAJJC	STATIC RAM, 256 X 4, LOW-POWER, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Motorola
M38510/23801BVA	1	JD2147H01	STATIC RAM, 4K X 1, WITH 3-STATE OUTPUTS	Intel
M38510/23803BVA	1	JD2147H03	STATIC RAM, 4K X 1	Intel
M38510/23805BVA	1	JD2147H05	STATIC RAM, 4K X 1	Intel
M38510/23806BVA	1	JD2148H06	STATIC RAM, 1K X 4	Intel
M38510/23807BVA	1	JD2147H07	STATIC RAM, 4K X 1	Intel
M38510/24501BVA	1(.5)	HM1-6504	STATIC RAM, 4K X 1, 300 NS ACCESS TIME	Harris
M38510/24502BVA	1(.5)	HM1-6514	STATIC RAM, 1K X 4, 300 NS ACCESS TIME	Harris
M38510/28901BVA	2	CY7C147-35DMB	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	Cypress
M38510/28901BYA	2	CY7C147-35KMB	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	Cypress
M38510/28902BVA	2	CY7C148-35DMB	STATIC RAM, 1K X 4	Cypress
M38510/28903BVA	2	CY2147-55DMB	STATIC RAM, 4K X 1, WITH 3-STATE OUTPUTS	Cypress
M38510/28904BVA	2	CY2148-55DMB	STATIC RAM, 1K X 4, WITH 3-STATE OUTPUTS	Cypress
M38510/28904BYA	2	CY2148-55KMB	STATIC RAM, 1K X 4, WITH 3-STATE OUTPUTS	Cypress
M38510/29102BJA	1(.5)	HM1-6516	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
M38510/29103BRA	1(1.5)	HM1-65262	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
M38510/29104BJA	1(1)	HM1-65162	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
M38510/29109BRA	1(1.5)	HM1-65262R	STATIC RAM, 16K X 1, WITH 3-STATE OUTPUTS	Harris
M38510/29110BJA	1(1)	HM1-65162B	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
M38510/29205BXA	1(1)	HM1-65642	STATIC RAM, 8K X 8, SELECTABLE MODE	Harris
M38510/30001B2A	1(0)	JD54LS00B2A	NAND GATE, QUAD 2-INPUT	National
M38510/30001B2A	1(1)	54LS00	NAND GATE, QUAD 2-INPUT	T.I.
M38510/30001B2A	2(2)	54LS00M/B2AJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/30001BCA	2(2)	54LS00/BCAJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/30001BCA	1(0)	JD54LS00BCA	NAND GATE, QUAD 2-INPUT	National
M38510/30001BCA	1(1)	54LS00	NAND GATE, QUAD 2-INPUT	T.I.
M38510/30001BDA	1(0)	JD54LS00BDA	NAND GATE, QUAD 2-INPUT	National
M38510/30001BDA	1(1)	54LS00	NAND GATE, QUAD 2-INPUT	T.I.
M38510/30001BDA	2(2)	54LS00/BDAJJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/30001SCA	1(0)	JD54LS00SCA	NAND GATE, QUAD 2-INPUT	National
M38510/30001SDA	1(0)	JD54LS00SDA	NAND GATE, QUAD 2-INPUT	National
M38510/30002B2A	1(0)	JD54LS03B2A	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30002BCA	1(0)	JD54LS03BCA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30002BCA	2(2)	54LS03/BCAJC	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30002BDA	1(0)	JD54LS03BDA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30002SCA	1(0)	JD54LS03SCA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30002SDA	1(0)	JD54LS03SDA	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30003B2A	1(0)	54LS04M/B2AJC	HEX INVERTER	Motorola
M38510/30003B2A	1(1)	54LS04	HEX INVERTER	T.I.
M38510/30003B2A	1(0)	JD54LS04B2A	HEX INVERTER	National
M38510/30003BCA	1(0)	JD54LS04BCA	HEX INVERTER	National
M38510/30003BCA	1(0)	54LS04/BCAJC	HEX INVERTER	Motorola
M38510/30003BCA	1(1)	54LS04	HEX INVERTER	T.I.
M38510/30003BDA	1(0)	54LS04/BDAJJC	HEX INVERTER	Motorola
M38510/30003BDA	1(0)	JD54LS04BDA	HEX INVERTER	National
M38510/30003BDA	1(1)	54LS04	HEX INVERTER	T.I.
M38510/30003SCA	1(0)	JD54LS04SCA	HEX INVERTER	National
M38510/30003SDA	1(0)	JD54LS04SDA	HEX INVERTER	National
M38510/30004B2A	1(0)	JD54LS05B2A	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30004B2A	1(0)	54LS05M/B2AJC	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30004BCA	1(0)	54LS05/BCAJC	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30004BCA	1(0)	JD54LS05BCA	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

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M38510/30004BDA	1 (0)	JD54LS05BDA	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30004SCA	1 (0)	JD54LS05SSCA	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30004SDA	1 (0)	JD54LS05SDA	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30005B2A	1 (0)	JD54LS10B2A	NAND GATE, TRIPLE 3-INPUT	National
M38510/30005B2A	1 (0)	54LS10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/30005B2A	1 (0)	54LS10M/B2AJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/30005BCA	1 (0)	JD54LS10BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/30005BCA	1 (0)	54LS10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/30005BCA	1 (0)	54LS10/BCAJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/30005BDA	1 (0)	54LS10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/30005BDA	1 (0)	54LS10/BDAJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/30005BDA	1 (0)	JD54LS10BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/30005SCA	1 (0)	JD54LS10SCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/30005SDA	1 (0)	JD54LS10SDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/30006BCA	1 (0)	54LS12/BCAJC	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30006BDA	1 (0)	54LS12/BDAJC	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30007B2A	1 (<2)	54LS20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/30007B2A	1 (0)	JD54LS20B2A	NAND GATE, DUAL 4-INPUT	National
M38510/30007BCA	1 (<2)	54LS20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/30007BCA	1 (0)	54LS20/BCAJC	NAND GATE, DUAL 4-INPUT	Motorola
M38510/30007BCA	1 (0)	JD54LS20BCA	NAND GATE, DUAL 4-INPUT	National
M38510/30007BDA	1 (<2)	54LS20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/30007BDA	1 (0)	54LS20/BDAJC	NAND GATE, DUAL 4-INPUT	Motorola
M38510/30007BDA	1 (0)	JD54LS20BDA	NAND GATE, DUAL 4-INPUT	National
M38510/30007SCA	1 (0)	JD54LS20SCA	NAND GATE, DUAL 4-INPUT	National
M38510/30007SDA	1 (0)	JD54LS20SDA	NAND GATE, DUAL 4-INPUT	National
M38510/30008BCA	1 (0)	54LS22/BCAJC	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30009B2A	1 (0)	JD54LS30B2A	NAND GATE, 8-INPUT	National
M38510/30009B2A	3 (4)	54LS30	NAND GATE, 8-INPUT	T. I.
M38510/30009BCA	3 (4)	54LS30	NAND GATE, 8-INPUT	T. I.
M38510/30009BCA	1 (0)	JD54LS30BCA	NAND GATE, 8-INPUT	National
M38510/30009BCA	1 (0)	54LS30/BCAJC	NAND GATE, 8-INPUT	Motorola
M38510/30009BDA	1 (0)	JD54LS30BDA	NAND GATE, 8-INPUT	National
M38510/30009BDA	1 (0)	54LS30/BDAJC	NAND GATE, 8-INPUT	Motorola
M38510/30009BDA	3 (4)	54LS30	NAND GATE, 8-INPUT	T. I.
M38510/30009SCA	1 (0)	JD54LS30SCA	NAND GATE, 8-INPUT	National
M38510/30009SDA	1 (0)	JD54LS30SDA	NAND GATE, 8-INPUT	National
M38510/30101BCA	1 (0)	54LS73A/BCAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30101BDA	1 (0)	54LS73A/BDAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30102B2A	3 (4)	54LS74A	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/30102B2A	1 (0)	JD54LS74B2A	FLIP-FLOP, D-TYPE, DUAL	National
M38510/30102B2A	1 (0)	54LS74AM/B2AJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/30102BCA	3 (4)	54LS74A	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/30102BCA	1 (0)	54LS74A/BCAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/30102BCA	1 (0)	JD54LS74BCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/30102BDA	1 (0)	54LS74A/BDAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/30102BDA	1 (0)	JD54LS74ABDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/30102BDA	3 (4)	54LS74A	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/30103B2A	1 (0)	54LS112AM/B2AJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30103B2A	1 (0)	54LS112A	FLIP-FLOP, JK, DUAL	T. I.
M38510/30103BEA	1 (0)	54LS112A/BEAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30103BEA	1 (0)	54LS112A	FLIP-FLOP, JK, DUAL	T. I.
M38510/30103BFA	1 (0)	54LS112A/BFAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30103BFA	1 (0)	54LS112A	FLIP-FLOP, JK, DUAL	T. I.
M38510/30104B2A	1 (0)	JD54LS113B2A	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
M38510/30104BCA	1 (0)	54LS113A/BCAJC	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	Motorola
M38510/30104BCA	1 (0)	JD54LS113BCA	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
M38510/30104BDA	1 (0)	JD54LS113BDA	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
M38510/30104BDA	1 (0)	54LS113A/BDAJC	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	Motorola
M38510/30105BCA	1 (0)	54LS114A/BCAJC	FLIP-FLOP, JK, DUAL, WITH PRESET	Motorola
M38510/30106B2A	1 (0)	JD54LS174B2A	FLIP-FLOP, D-TYPE, HEX	National
M38510/30106B2A	1 (.5)	54LS174	FLIP-FLOP, D-TYPE, HEX	T. I.
M38510/30106BEA	1 (0)	JD54LS174BEA	FLIP-FLOP, D-TYPE, HEX	National
M38510/30106BEA	1 (0)	54LS174/BEAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/30106BEA	1 (.5)	54LS174	FLIP-FLOP, D-TYPE, HEX	T. I.
M38510/30106BFA	1 (0)	JD54LS174BFA	FLIP-FLOP, D-TYPE, HEX	National
M38510/30106BFA	1 (.5)	54LS174	FLIP-FLOP, D-TYPE, HEX	T. I.
M38510/30106BFA	1 (0)	54LS174/BFAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/30107B2A	1 (0)	54LS175M/B2AJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/30107B2A	1 (0)	JD54LS175B2A	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/30107B2A	1 (0)	54LS175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/30107BFA	1 (0)	54LS175/BFAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
M38510/30107BEA	1 (0)	54LS175	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
M38510/30107BEA	1 (0)	JD54LS175BEA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/30107BFA	1 (0)	JD54LS175BFA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/30107BFA	1 (0)	54LS175/BFAJJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/30107BFA	1 (0)	54LS175	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
M38510/30108BCA	1 (0)	54LS107A/BCAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30109B2A	2 (2)	54LS109A	FLIP-FLOP, JK, DUAL	T.I.
M38510/30109B2A	1 (1.37)	JD54LS109B2A	FLIP-FLOP, JK, DUAL	National
M38510/30109B2A	2 (2)	54LS109A	FLIP-FLOP, JK, DUAL	T.I.
M38510/30109BEA	1 (0)	54LS109A/BEAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30109BEA	1 (1.37)	JD54LS109BEA	FLIP-FLOP, JK, DUAL	National
M38510/30109BFA	1 (1.37)	JD54LS109BFA	FLIP-FLOP, JK, DUAL	National
M38510/30109BFA	2 (2)	54LS109A	FLIP-FLOP, JK, DUAL	T.I.
M38510/30109BFA	1 (0)	54LS109A/BFAJJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/30110BEA	1 (0)	54LS76A/BEAJC	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	Motorola
M38510/30110BEA	1 (<2)	54LS76A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
M38510/30110BFA	1 (<2)	54LS76A	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
M38510/30110BFA	1 (0)	54LS76A/BFAJJC	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	Motorola
M38510/30201BCA	1 (0)	54LS40/BCAJC	BUFFER/DRIVER, NAND, DUAL 4-INPUT	Motorola
M38510/30201BDA	1 (0)	54LS40/BDAJJC	BUFFER/DRIVER, NAND, DUAL 4-INPUT	Motorola
M38510/30202BCA	1 (0)	54LS37/BCAJC	BUFFER/DRIVER, NAND, QUAD 2-INPUT	Motorola
M38510/30202BDA	1 (0)	54LS37/BDAJJC	BUFFER/DRIVER, NAND, QUAD 2-INPUT	Motorola
M38510/30203B2A	1 (.5)	54LS38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
M38510/30203B2A	1 (0)	54LS38M/B2AJC	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30203B2A	1 (1.25)	JD54LS38B2A	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30203BCA	1 (1.25)	JD54LS38BCA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30203BCA	1 (0)	54LS38/BCAJC	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30203BCA	1 (.5)	54LS38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
M38510/30203BDA	1 (1.25)	JD54LS38BDA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/30203BDA	1 (.5)	54LS38	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
M38510/30203BDA	1 (0)	54LS38/BDAJJC	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30204BCA	1 (0)	54LS28/BCAJC	BUFFER/DRIVER, NOR, QUAD 2-INPUT	Motorola
M38510/30301B2A	3 (4)	54LS02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/30301B2A	1 (0)	JD54LS02B2A	NOR GATE, QUAD 2-INPUT	National
M38510/30301B2A	1 (0)	54LS02M/B2AJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/30301BCA	1 (0)	54LS02/BCAJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/30301BCA	1 (0)	JD54LS02BCA	NOR GATE, QUAD 2-INPUT	National
M38510/30301BCA	3 (4)	54LS02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/30301BDA	1 (0)	54LS02/BDAJJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/30301BDA	1 (0)	JD54LS02BDA	NOR GATE, QUAD 2-INPUT	National
M38510/30301BDA	3 (4)	54LS02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/30302B2A	1 (0)	54LS27	NOR GATE, TRIPLE 3-INPUT	T.I.
M38510/30302B2A	1 (0)	JD54LS27B2A	NOR GATE, TRIPLE 3-INPUT	National
M38510/30302B2A	1 (0)	54LS27/BCAJC	NOR GATE, TRIPLE 3-INPUT	Motorola
M38510/30302BCA	1 (0)	54LS27	NOR GATE, TRIPLE 3-INPUT	T.I.
M38510/30302BCA	1 (0)	JD54LS27BCA	NOR GATE, TRIPLE 3-INPUT	National
M38510/30302BDA	1 (0)	54LS27/BDAJJC	NOR GATE, TRIPLE 3-INPUT	Motorola
M38510/30302BDA	1 (0)	JD54LS27BDA	NOR GATE, TRIPLE 3-INPUT	National
M38510/30302BDA	1 (0)	54LS27	NOR GATE, TRIPLE 3-INPUT	T.I.
M38510/30302SCA	1 (0)	JD54LS27SCA	NOR GATE, TRIPLE 3-INPUT	National
M38510/30302SDA	1 (0)	JD54LS27SDA	NOR GATE, TRIPLE 3-INPUT	National
M38510/30303BCA	1 (0)	54LS266/BCAJC	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	Motorola
M38510/30401B2A	1 (0)	54LS51	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
M38510/30401B2A	1 (0)	JD54LS51B2A	AND-OR-INVERT GATE, DUAL 2-WIDE	National
M38510/30401BCA	1 (0)	54LS51/BCAJC	AND-OR-INVERT GATE, DUAL 2-WIDE	Motorola
M38510/30401BCA	1 (0)	54LS51	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
M38510/30401BCA	1 (0)	JD54LS51BCA	AND-OR-INVERT GATE, DUAL 2-WIDE	National
M38510/30401BDA	1 (0)	JD54LS51BDA	AND-OR-INVERT GATE, DUAL 2-WIDE	National
M38510/30401BDA	1 (0)	54LS51/BDAJJC	AND-OR-INVERT GATE, DUAL 2-WIDE	Motorola
M38510/30401BDA	1 (0)	54LS51	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
M38510/30402B2A	1 (0)	JD54LS54B2A	AND-OR-INVERT GATE	National
M38510/30402BCA	1 (0)	JD54LS54BCA	AND-OR-INVERT GATE	National
M38510/30402BDA	1 (0)	JD54LS54BDA	AND-OR-INVERT GATE	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/30501B2A	1 (0)	54LS32M/B2AJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/30501B2A	1 (0)	JD54LS32B2A	OR GATE, QUAD 2-INPUT	National
M38510/30501B2A	1 (0)	54LS32	OR GATE, QUAD 2-INPUT	T.I.
M38510/30501BCA	1 (0)	54LS32	OR GATE, QUAD 2-INPUT	T.I.
M38510/30501BCA	1 (0)	54LS32/BCAJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/30501BCA	1 (0)	JD54LS32BCA	OR GATE, QUAD 2-INPUT	National
M38510/30501BDA	1 (0)	JD54LS32BDA	OR GATE, QUAD 2-INPUT	National
M38510/30501BDA	1 (0)	54LS32/BDAJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/30501BDA	1 (0)	54LS32	OR GATE, QUAD 2-INPUT	T.I.
M38510/30502B2A	1 (0)	JD54LS86B2A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/30502B2A	1 (0)	54LS86M/B2AJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/30502B2A	1 (0)	54LS86A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
M38510/30502BCA	1 (0)	54LS86/BCAJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/30502BCA	1 (0)	54LS86A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
M38510/30502BCA	1 (0)	JD54LS86BCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/30502BDA	1 (0)	54LS86M/B2AJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/30502BDA	1 (0)	JD54LS86BDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/30502BDA	1 (0)	54LS86A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
M38510/30502SDA	1 (0)	JD54LS86SDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/30601B2A	1 (0)	JD54LS194B2A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/30601B2A	1 (<2)	54LS194A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
M38510/30601BEA	1 (0)	54LS194A/BEAJC	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	Motorola
M38510/30601BEA	1 (0)	JD54LS194BEA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/30601BEA	1 (<2)	54LS194A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
M38510/30601BFA	1 (0)	54LS194A/BFAJC	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	Motorola
M38510/30601BFA	1 (<2)	54LS194A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
M38510/30601BFA	1 (0)	JD54LS194BFA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/30601SEA	1 (0)	JD54LS194SEA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/30601SFA	1 (0)	JD54LS194SFA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
M38510/30602B2A	1 (<2)	54LS195A	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
M38510/30602B2A	1 (<2)	54LS195A	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
M38510/30602B2A	1 (0)	54LS195A/BEAJC	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	Motorola
M38510/30602BFA	1 (0)	54LS195A/BFAJC	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	Motorola
M38510/30602BFA	1 (<2)	54LS195A	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
M38510/30603BCA	1 (<2)	54LS95B	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
M38510/30604BEA	1 (<2)	54LS96	SHIFT REGISTER, 5-BIT	T.I.
M38510/30605B2A	1 (0)	JD54LS164B2A	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
M38510/30605B2A	1 (<2)	54LS164	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
M38510/30605B2A	2 (2)	54LS164M/B2AJC	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
M38510/30605B2A	2 (2)	54LS164/BCAJC	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
M38510/30605BCA	1 (0)	JD54LS164BCA	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
M38510/30605BCA	1 (<2)	54LS164	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
M38510/30605BDA	1 (0)	54LS164/BDAJC	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
M38510/30605BDA	1 (<2)	54LS164	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
M38510/30605BDA	1 (0)	JD54LS164BDA	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
M38510/30605SCA	1 (0)	JD54LS164SCA	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
M38510/30605SDA	1 (0)	JD54LS164SDA	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
M38510/30607B2A	1 (<2)	54LS395A	SHIFT REGISTER, 4-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
M38510/30607B2A	1 (<2)	54LS395A	SHIFT REGISTER, 4-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
M38510/30608B2A	1 (0)	54LS165M/B2AJC	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
M38510/30608B2A	1 (<2)	54LS165A	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
M38510/30608B2A	1 (<2)	54LS165A	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
M38510/30608BEA	1 (0)	54LS165/BEAJC	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
M38510/30608BFA	1 (<2)	54LS165A	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
M38510/30608BFA	1 (0)	54LS165/BFAJC	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
M38510/30609B2A	1 (<2)	54LS166A	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
M38510/30609B2A	1 (<2)	54LS166A	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
M38510/30609BEA	1 (0)	54LS166/BEAJC	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
M38510/30609BFA	1 (0)	54LS166/BFAJC	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
M38510/30609BFA	1 (<2)	54LS166A	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
M38510/30701B2A	1 (1)	54LS138	DECODER, 3-TO-8-LINE	T.I.
M38510/30701B2A	1 (0)	54LS138M/B2AJC	DECODER, 3-TO-8-LINE	Motorola
M38510/30701B2A	1 (0)	JD54LS138B2A	DECODER, 3-TO-8-LINE	National
M38510/30701BEA	1 (1)	54LS138	DECODER, 3-TO-8-LINE	T.I.
M38510/30701BEA	1 (0)	JD54LS138BEA	DECODER, 3-TO-8-LINE	National
M38510/30701BFA	1 (0)	54LS138/BEAJC	DECODER, 3-TO-8-LINE	Motorola
M38510/30701BFA	1 (0)	54LS138/BFAJC	DECODER, 3-TO-8-LINE	Motorola
M38510/30701BFA	1 (1)	54LS138	DECODER, 3-TO-8-LINE	T.I.
M38510/30701SEA	1 (0)	JD54LS138SEA	DECODER, 3-TO-8-LINE	National
M38510/30701SFA	1 (0)	JD54LS138SFA	DECODER, 3-TO-8-LINE	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/30702B2A	1 (1)	54LS139A	DECODER, DUAL 2-TO-4-LINE	T. I.
M38510/30702B2A	1 (0)	54LS139M/B2AJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/30702BEA	1 (0)	54LS139/BEAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/30702BEA	1 (1)	54LS139A	DECODER, DUAL 2-TO-4-LINE	T. I.
M38510/30702BFA	1 (0)	54LS139/BFAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/30702BFA	1 (1)	54LS139A	DECODER, DUAL 2-TO-4-LINE	T. I.
M38510/30702SEA	1 (0)	JD54LS139SEA	DECODER, DUAL 2-TO-4-LINE	National
M38510/30702SFA	1 (0)	JD54LS139SFA	DECODER, DUAL 2-TO-4-LINE	National
M38510/30703B2A	2 (2.5)	JD54LS42B2A	DECODER, BCD-TO-DECIMAL	National
M38510/30703BEA	2 (2.5)	JD54LS42BEA	DECODER, BCD-TO-DECIMAL	National
M38510/30703BFA	1 (0)	54LS42A/BEAJC	DECODER, BCD-TO-DECIMAL	Motorola
M38510/30703BFA	2 (2.5)	JD54LS42BFA	DECODER, BCD-TO-DECIMAL	National
M38510/30703BFA	1 (0)	54LS42A/BFAJC	DECODER, BCD-TO-DECIMAL	Motorola
M38510/30703SEA	2 (2.5)	JD54LS42SEA	DECODER, BCD-TO-DECIMAL	National
M38510/30703SFA	2 (2.5)	JD54LS42SFA	DECODER, BCD-TO-DECIMAL	National
M38510/30704BEA	1 (0)	54LS47/BEAJC	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/30802BDA	1 (0)	54LS86/BDAJC	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
M38510/30901B2A	1 (0)	JD54LS151B2A	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30901B2A	1 (0)	54LS151M/B2AJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/30901B2A	1 (<2)	54LS151	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
M38510/30901BEA	1 (0)	54LS151/BEAJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/30901BEA	1 (0)	JD54LS151BEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30901BEA	1 (<2)	54LS151	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
M38510/30901BFA	1 (0)	54LS151/BFAJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/30901BFA	1 (0)	JD54LS151BFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30901BFA	1 (<2)	54LS151	DATA SEL/MULTIPLEXER, 8-INPUT	T. I.
M38510/30901S2A	1	JD54LS151S2A	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30901SEA	1	JD54LS151SEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30901SFA	1	JD54LS151SFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/30902B2A	1 (0)	JD54LS153B2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/30902B2A	1 (1)	54LS153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/30902B2A	1 (0)	54LS153M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/30902BEA	1 (0)	54LS153/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/30902BEA	1 (0)	JD54LS153BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/30902BEA	1 (1)	54LS153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/30902BFA	1 (1)	54LS153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/30902BFA	1 (0)	JD54LS153BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/30902BFA	1 (0)	54LS153/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/30902SEA	1 (0)	JD54LS153SEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/30902SFA	1 (0)	JD54LS153SFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/30903B2A	1 (0)	JD54LS157B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/30903B2A	1 (0)	54LS157M/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/30903B2A	2 (2)	54LS157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.
M38510/30903BEA	1 (0)	JD54LS157BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/30903BEA	2 (2)	54LS157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.
M38510/30903BFA	1 (0)	54LS157/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/30903BFA	1 (0)	JD54LS157BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/30903BFA	1 (0)	54LS157/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/30903BFA	2 (2)	54LS157	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T. I.
M38510/30903SEA	1 (0)	JD54LS157SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/30903SFA	1 (0)	JD54LS157SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/30904B2A	1 (0)	JD54LS158B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
M38510/30904BEA	1 (0)	54LS158/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	Motorola
M38510/30904BEA	1 (0)	JD54LS158BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
M38510/30904BFA	1 (0)	JD54LS158BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
M38510/30904SFA	1 (0)	JD54LS158SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
M38510/30905B2A	1 (0)	JD54LS251B2A	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30905B2A	1 (<2)	54LS251	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30905BEA	1 (0)	JD54LS251BEA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30905BEA	1 (0)	54LS251/BEAJC	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/30905BEA	1 (<2)	54LS251	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30905BFA	1 (0)	54LS251/BFAJC	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/30905BFA	1 (0)	JD54LS251BFA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30905BFA	1 (<2)	54LS251	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30905SEA	1 (0)	JD54LS251SEA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30905SFA	1 (0)	JD54LS251SFA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30906B2A	1 (0)	54LS257AM/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
M38510/30906B2A	3 (4)	54LS257B	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T. I.
M38510/30906R2A	1 (0)	JD54LS257R2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/30906BEA	3 (4)	54LS257B	3-STATE OUTPUTS DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T. I.
M38510/30906BEA	1 (0)	JD54LS257BBEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	National
M38510/30906BEA	1 (0)	54LS257A/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
M38510/30906BFA	1 (0)	54LS257A/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
M38510/30906BFA	3 (4)	54LS257B	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T. I.
M38510/30907B2A	1 (0)	JD54LS258B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
M38510/30907B2A	2 (2)	54LS258B	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T. I.
M38510/30907BEA	2 (2)	54LS258B	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T. I.
M38510/30907BEA	1 (0)	JD54LS258BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
M38510/30907BEA	1 (0)	54LS258A/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	Motorola
M38510/30907BFA	2 (2)	54LS258B	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T. I.
M38510/30907BFA	1 (0)	JD54LS258BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
M38510/30908B2A	1 (0)	JD54LS253B2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30908B2A	1 (<2)	54LS253	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30908BEA	1 (0)	54LS253/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/30908BEA	1 (0)	JD54LS253BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30908BEA	1 (<2)	54LS253	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30908BFA	1 (<2)	54LS253	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T. I.
M38510/30908BFA	1 (0)	JD54LS253BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30908BFA	1 (0)	54LS253/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/30908SEA	1 (0)	JD54LS253SEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30908SFA	1 (0)	JD54LS253SFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/30909BEA	1 (0)	54LS298/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
M38510/30909BFA	1 (0)	54LS298/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
M38510/31001B2A	1 (0)	JD54LS11B2A	AND GATE, TRIPLE 3-INPUT	National
M38510/31001B2A	1 (0)	54LS11	AND GATE, TRIPLE 3-INPUT	T. I.
M38510/31001BCA	1 (0)	JD54LS11BCA	AND GATE, TRIPLE 3-INPUT	National
M38510/31001BCA	1 (0)	54LS11/BCAJC	AND GATE, TRIPLE 3-INPUT	Motorola
M38510/31001BCA	1 (0)	54LS11	AND GATE, TRIPLE 3-INPUT	T. I.
M38510/31001BDA	1 (0)	54LS11/BDAJC	AND GATE, TRIPLE 3-INPUT	Motorola
M38510/31001BDA	1 (0)	JD54LS11BDA	AND GATE, TRIPLE 3-INPUT	National
M38510/31001BDA	1 (0)	54LS11	AND GATE, TRIPLE 3-INPUT	T. I.
M38510/31001SCA	1 (0)	JD54LS11SCA	AND GATE, TRIPLE 3-INPUT	National
M38510/31001SDA	1 (0)	JD54LS11SDA	AND GATE, TRIPLE 3-INPUT	National
M38510/31002BCA	1 (0)	54LS15/BCAJC	AND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR INPUTS	Motorola
M38510/31003B2A	1 (0)	54LS21	AND GATE, DUAL 4-INPUT	T. I.
M38510/31003B2A	1 (0)	JD54LS21B2A	AND GATE, DUAL 4-INPUT	National
M38510/31003BCA	1 (0)	54LS21/BCAJC	AND GATE, DUAL 4-INPUT	Motorola
M38510/31003BCA	1 (0)	54LS21	AND GATE, DUAL 4-INPUT	T. I.
M38510/31003BCA	1 (0)	JD54LS21BCA	AND GATE, DUAL 4-INPUT	National
M38510/31003BDA	1 (0)	54LS21	AND GATE, DUAL 4-INPUT	T. I.
M38510/31003BDA	1 (0)	54LS21/BDAJC	AND GATE, DUAL 4-INPUT	Motorola
M38510/31003BDA	1 (0)	JD54LS21BDA	AND GATE, DUAL 4-INPUT	National
M38510/31003SCA	1 (0)	JD54LS21SCA	AND GATE, DUAL 4-INPUT	National
M38510/31003SDA	1 (0)	JD54LS21SDA	AND GATE, DUAL 4-INPUT	National
M38510/31004B2A	1 (0)	54LS08M/B2AJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/31004B2A	1 (0)	JD54LS08B2A	AND GATE, QUAD 2-INPUT	National
M38510/31004B2A	1 (1)	54LS08	AND GATE, QUAD 2-INPUT	T. I.
M38510/31004BCA	1 (0)	54LS08/BCAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/31004BCA	1 (1)	54LS08	AND GATE, QUAD 2-INPUT	T. I.
M38510/31004BCA	1 (0)	JD54LS08BCA	AND GATE, QUAD 2-INPUT	National
M38510/31004BDA	1 (0)	54LS08/BDAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/31004BDA	1 (0)	JD54LS08BDA	AND GATE, QUAD 2-INPUT	National
M38510/31004BDA	1 (1)	54LS08	AND GATE, QUAD 2-INPUT	T. I.
M38510/31005BCA	1 (0)	54LS09/BCAJC	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/31005BDA	1 (0)	54LS09/BDAJC	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/31101B2A	1 (0)	JD54LS85B2A	MAGNITUDE COMPARATOR, 4-BIT	National
M38510/31101B2A	1 (0)	54LS85	MAGNITUDE COMPARATOR, 4-BIT	T. I.
M38510/31101B2A	1 (0)	54LS85M/B2AJC	MAGNITUDE COMPARATOR, 4-BIT	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/31101BEA	1 (0)	54LS85	MAGNITUDE COMPARATOR, 4-BIT	T. I.
M38510/31101BEA	1 (0)	54LS85/BEAJC	MAGNITUDE COMPARATOR, 4-BIT	Motorola
M38510/31101BEA	1 (0)	JD54LS85BEA	MAGNITUDE COMPARATOR, 4-BIT	National
M38510/31101BFA	1 (0)	JD54LS85BFA	MAGNITUDE COMPARATOR, 4-BIT	National
M38510/31101BFA	1 (0)	54LS85	MAGNITUDE COMPARATOR, 4-BIT	T. I.
M38510/31101BFA	1 (0)	54LS85/BFAJC	MAGNITUDE COMPARATOR, 4-BIT	Motorola
M38510/31201B2A	1 (0)	JD54LS83B2A	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31201BEA	1 (0)	JD54LS83BEA	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31201BFA	1 (0)	JD54LS83BFA	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31202B2A	1 (.5)	54LS283	ADDER, 4-BIT FULL, WITH FAST CARRY	T. I.
M38510/31202B2A	1 (0)	JD54LS283B2A	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31202BEA	1 (0)	JD54LS283BEA	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31202BFA	1 (0)	54LS283/BEAJC	ADDER, 4-BIT FULL, WITH FAST CARRY	Motorola
M38510/31202BEA	1 (.5)	54LS283	ADDER, 4 BIT FULL, WITH FAST CARRY	T. I.
M38510/31202BFA	1 (.5)	54LS283	ADDER, 4-BIT FULL, WITH FAST CARRY	T. I.
M38510/31202BFA	1 (0)	JD54LS283BFA	ADDER, 4-BIT FULL, WITH FAST CARRY	National
M38510/31301BCA	1 (0)	54LS13/BCAJC	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
M38510/31302B2A	1 (0)	54LS14M/BDAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
M38510/31302BCA	1 (0)	54LS14/BCAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
M38510/31302BCA	1 (0)	54LS14/BCAJC	HEX INVERTER, SCHMITT TRIGGER	Motorola
M38510/31303BCA	1 (0)	54LS132/BCAJC	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
M38510/31303BDA	1 (0)	54LS132/BDAJC	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
M38510/31401B2A	1 (1)	54LS123	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T. I.
M38510/31401B2A	1 (0)	54LS123M/B2AJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
M38510/31401BEA	1 (1)	54LS123	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T. I.
M38510/31401BEA	1 (0)	54LS123/BEAJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
M38510/31401BFA	1 (1)	54LS123	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T. I.
M38510/31401BFA	1 (0)	54LS123/BFAJC	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
M38510/31402B2A	1 (1)	54LS221	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER	T. I.
M38510/31402BEA	1 (0)	54LS221/BEAJC	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER	Motorola
M38510/31402BFA	1 (1)	54LS221	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER	T. I.
M38510/31402BFA	1 (1)	54LS221	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER	T. I.
M38510/31402BFA	1 (0)	54LS221/BFAJC	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER	Motorola
M38510/31403BCA	1 (0)	54LS122/BCAJC	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
M38510/31403BDA	1 (0)	54LS122/BDAJC	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
M38510/31501BCA	1 (<2)	54LS90	DECADE COUNTER, 4-BIT	T. I.
M38510/31502BCA	1 (<2)	54LS93	DECADE COUNTER, 4-BIT	T. I.
M38510/31503B2A	2 (2)	54LS160A	DECADE COUNTER, 4-BIT SYNCHRONOUS	T. I.
M38510/31503BEA	2 (2)	54LS160A	DECADE COUNTER, 4-BIT SYNCHRONOUS	T. I.
M38510/31503BEA	4 (4)	54LS160A/BEAJC	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/31504B2A	2 (2)	54LS161AM/B2AJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/31504B2A	1 (.25)	JD54LS161AB2A	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/31504B2A	3 (4)	54LS161A	BINARY COUNTER, 4-BIT SYNCHRONOUS	T. I.
M38510/31504BEA	1 (.25)	JD54LS161ABEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/31504BEA	3 (4)	54LS161A	BINARY COUNTER, 4-BIT SYNCHRONOUS	T. I.
M38510/31504BEA	2 (2)	54LS161A/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/31504BFA	1 (.25)	JD54LS161ABFA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/31504BFA	2 (2)	54LS161A/BFAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/31504BFA	3 (4)	54LS161A	BINARY COUNTER, 4-BIT SYNCHRONOUS	T. I.
M38510/31506BEA	1 (0)	JD54LS169BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
M38510/31507BEA	1 (0)	54LS192/BEAJC	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR	Motorola
M38510/31508B2A	1 (0)	JD54LS193B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/31508B2A	3 (4)	54LS193	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T. I.
M38510/31508BEA	1 (0)	JD54LS193BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/31508BEA	3 (4)	54LS193	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T. I.
M38510/31508BEA	1 (0)	54LS193/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
M38510/31508BFA	1 (0)	JD54LS193BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/31508BFA	1 (0)	54LS193/BFAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
M38510/31508BFA	3 (4)	54LS193	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T. I.
M38510/31509B2A	1 (0)	54LS191M/B2AJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	Motorola
M38510/31509B2A	3 (4)	54LS191	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	T. I.
M38510/31509BEA	1 (0)	54LS191/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	Motorola
M38510/31509BEA	3 (4)	54LS191	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	T. I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/31509BFA	1 (0)	54LS191/BFAJJC	MODE CONTROL BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	Motorola
M38510/31509BFA	3 (4)	54LS191	MODE CONTROL BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	T.I.
M38510/31510BCA	1 (<2)	54LS92	COUNTER, DIVIDE-BY-12	T.I.
M38510/31511BEA	2	54LS162A/BEAJC	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/31512B2A	2 (2)	54LS163A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
M38510/31512BEA	2 (2)	54LS163A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
M38510/31512BEA	2 (2)	54LS163A/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
M38510/31512BFA	2 (2)	54LS163A/BFAJJC	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
M38510/31512BFA	2 (2)	54LS163A	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
M38510/31513BEA	1	54LS190/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	Motorola
M38510/31601BEA	1 (1)	54LS75	LATCH, 4-BIT, BISTABLE	T.I.
M38510/31601BEA	1 (0)	54LS75/BEAJC	LATCH, 4-BIT, BISTABLE	Motorola
M38510/31601BFA	1 (0)	54LS75/BFAJJC	LATCH, 4-BIT, BISTABLE	Motorola
M38510/31601BFA	1 (1)	54LS75	LATCH, 4-BIT, BISTABLE	T.I.
M38510/31602B2A	1 (0)	54LS279M/BFAJJC	LATCH, RS, 4-BIT	Motorola
M38510/31602B2A	1 (0)	JD54LS279B2A	LATCH, RS, 4-BIT	National
M38510/31602BEA	1 (0)	54LS279/BEAJC	LATCH, RS, 4-BIT	Motorola
M38510/31602BEA	1 (0)	JD54LS279BEA	LATCH, RS, 4-BIT	National
M38510/31602BFA	1 (0)	JD54LS279BFA	LATCH, RS, 4-BIT	National
M38510/31603B2A	1 (0)	JD54LS259B2A	LATCH, 8-BIT ADDRESSABLE	National
M38510/31603BEA	1 (0)	JD54LS259BEA	LATCH, 8-BIT ADDRESSABLE	National
M38510/31603BEA	1 (0)	54LS259/BEAJC	LATCH, 8-BIT ADDRESSABLE	Motorola
M38510/31603BFA	1 (0)	54LS259/BFAJJC	LATCH, 8-BIT ADDRESSABLE	Motorola
M38510/31603BFA	1 (0)	JD54LS259BFA	LATCH, 8-BIT ADDRESSABLE	National
M38510/31604BEA	2 (2)	54LS375/BEAJC	LATCH, 4-BIT, BISTABLE	Motorola
M38510/31604BFA	1 (0)	54LS375/BFAJJC	LATCH, 4-BIT, BISTABLE	Motorola
M38510/31605B2A	1 (0)	54LS259B	LATCH, 8-BIT ADDRESSABLE	T.I.
M38510/31605BEA	1 (0)	54LS259B	LATCH, 8-BIT ADDRESSABLE	T.I.
M38510/31901B2A	1 (0)	54LS670M/B2AJC	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
M38510/31901BEA	1 (0)	54LS670/BEAJC	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
M38510/31901BEA	1 (0)	JD54LS670BEA	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	National
M38510/31901BFA	1 (0)	54LS670/BFAJJC	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
M38510/32004B2A	1 (1)	54LS293	BINARY COUNTER, 4-BIT	T.I.
M38510/32004BCA	1 (1)	54LS293	BINARY COUNTER, 4-BIT	T.I.
M38510/32102B2A	1 (<2)	54LS26	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
M38510/32102BCA	2 (2)	54LS26/BCAJC	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	Motorola
M38510/32102BCA	1 (<2)	54LS26	NAND GATE, QUAD 2 INPUT, HIGH VOLTAGE, WITH OPEN COLLECTOR OUTPUTS	T.I.
M38510/32201B2A	1 (<2)	54LS365A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32201B2A	1 (0)	JD54LS365B2A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32201BEA	1 (0)	JD54LS365ABEA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32201BEA	1 (0)	54LS365A/BEAJC	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32201BEA	1 (<2)	54LS365A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32201BFA	1 (<2)	54LS365A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32201BFA	1 (0)	JD54LS365ABFA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32201BFA	1 (0)	54LS365A/BFAJJC	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32202B2A	1 (0)	JD54LS366B2A	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32202BEA	1 (0)	54LS366A/BEAJC	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32202BEA	1 (0)	JD54LS366BEA	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32202BFA	1 (0)	JD54LS366BFA	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32203B2A	1 (0)	54LS367A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32203B2A	1 (0)	JD54LS367B2A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32203BEA	1 (0)	54LS367A/BEAJC	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32203BEA	1 (0)	JD54LS367ABEA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32203BEA	1 (0)	54LS367A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32203BFA	1 (0)	JD54LS367ABFA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32203BFA	1 (0)	54LS367A/BFAJJC	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32203BFA	1 (0)	54LS367A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32204B2A	1 (0)	JD54LS368B2A	BUS DRIVER, HEX	National
M38510/32204BEA	1 (0)	54LS368A/BEAJC	BUS DRIVER, HEX	Motorola
M38510/32204BFA	1 (0)	JD54LS368ABFA	BUS DRIVER, HEX	National
M38510/32204BFA	1 (0)	54LS125A	BUS DRIVER, HEX	National
M38510/32301B2A	1 (0)	54LS125A	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32301B2A	1	54LS125AM/B2AJC	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32301BCA	1	54LS125A/BCAJC	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32301BCA	1 (0)	54LS125A	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/32301BDA	1	54LS125A/BDAJJC	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32301BDA	1 (0)	54LS125A	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32302BCA	1	54LS126/BCAJC	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32401B2A	1 (.5)	54LS240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32401B2A	1 (0)	54LS240M/B2AJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32401B2A	1 (0)	JD54LS240B2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32401BRA	1 (0)	54LS240/BRAJJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32401BRA	1 (.5)	54LS240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32401BRA	1 (0)	JD54LS240BRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32401BSA	1 (.5)	54LS240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32401BSA	1 (0)	JD54LS240BSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/32401BSA	1 (0)	54LS240/BSAJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32402B2A	1 (0)	JD54LS241B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32402B2A	1 (0)	54LS241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32402BRA	1 (0)	54LS241/BRAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32402BRA	1 (0)	54LS241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32402BRA	1 (0)	JD54LS241BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32402BSA	1 (0)	54LS241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32402BSA	1 (0)	JD54LS241BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32403B2A	1 (0)	JD54LS244B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32403B2A	1 (.5)	54LS244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32403B2A	1 (0)	54LS244M/B2AJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32403BRA	1 (0)	JD54LS244BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32403BRA	1 (0)	54LS244/BRAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32403BRA	1 (.5)	54LS244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32403BSA	1 (0)	JD54LS244BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32403BSA	1 (0)	54LS244/BSAJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32403BSA	1 (.5)	54LS244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32403SRA	1 (0)	JD54LS244SRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32403SSA	1 (0)	JD54LS244SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/32404B2A	1 (<2)	54LS540	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32404BRA	1 (<2)	54LS540	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32405B2A	1 (<2)	54LS541	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32405BRA	1 (<2)	54LS541	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/32501B2A	1 (0)	54LS273M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
M38510/32501B2A	1 (0)	JD54LS273B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/32501B2A	1 (<2)	54LS273	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
M38510/32501BRA	1 (0)	54LS273/BRAJJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
M38510/32501BRA	1 (<2)	54LS273	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
M38510/32501BRA	1 (0)	JD54LS273BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/32501BSA	1 (0)	54LS273/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
M38510/32501BSA	1 (0)	JD54LS273BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/32501BSA	1 (<2)	54LS273	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
M38510/32502B2A	1 (.5)	54LS373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
M38510/32502B2A	1 (0)	54LS373M/B2AJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32502BRA	1 (.5)	54LS373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
M38510/32502BRA	1 (0)	54LS373/BRAJJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32502BSA	1 (0)	54LS373/BSAJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32502BSA	1 (.5)	54LS373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
M38510/32503B2A	1 (.5)	54LS374	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
M38510/32503B2A	1 (0)	54LS374M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
M38510/32503BRA	1 (0)	54LS374/BRAJJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
M38510/32503BRA	1 (.5)	54LS374	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
M38510/32503BSA	1 (.5)	54LS374	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
M38510/32503BSA	1 (0)	54LS374/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
M38510/32504B2A	1 (<2)	54LS377	FLIP-FLOP, D-TYPE, 8-BIT	T.I.
M38510/32504BRA	1 (0)	54LS377/BRAJJC	FLIP-FLOP, D-TYPE, 8-BIT	Motorola
M38510/32504BRA	1 (<2)	54LS377	FLIP-FLOP, D-TYPE, 8-BIT	T.I.
M38510/32504BSA	1 (0)	54LS377/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT	Motorola
M38510/32601BEA	1 (0)	54LS155/BEAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/32701B2A	1 (.5)	54LS390	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
M38510/32701BEA	1 (.5)	54LS390	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
M38510/32702B2A	1 (0)	54LS393M/B2AJC	BINARY COUNTER, DUAL 4-BIT	Motorola
M38510/32702B2A	1 (0)	54LS393	BINARY COUNTER, DUAL 4-BIT	T.I.
M38510/32702BCA	1 (0)	54LS393/BCAJC	BINARY COUNTER, DUAL 4-BIT	Motorola
M38510/32702BCA	1 (0)	54LS393	BINARY COUNTER, DUAL 4-BIT	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/32702BDA	1 (0)	54LS393/BDAJC	BINARY COUNTER, DUAL 4-BIT	Motorola
M38510/32702BDA	1 (0)	54LS393	BINARY COUNTER, DUAL 4-BIT	T. I.
M38510/32801BCA	1 (0)	54LS242/BCAJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32801BDA	1 (0)	54LS242/BDAJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32802BCA	1 (0)	54LS243/BCAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32802BDA	1 (0)	54LS243/BDAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/32803B2A	1 (0)	54LS245M/B2AJC	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32803B2A	1 (1)	54LS245	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/32803BRA	1 (1)	54LS245	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/32803BRA	1 (0)	54LS245/BRAJC	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32803BSA	1 (0)	54LS245/BSAJC	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/32803BSA	1 (1)	54LS245	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/32901B2A	1 (0)	54LS280	PARITY GENERATOR/CHECKER, 9-BIT	T. I.
M38510/32901B2A	1 (0)	54LS280M/B2AJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/32901BCA	1 (0)	54LS280	PARITY GENERATOR/CHECKER, 9-BIT	T. I.
M38510/32901BCA	1 (0)	54LS280/BCAJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/32901BDA	1 (0)	54LS280	PARITY GENERATOR/CHECKER, 9-BIT	T. I.
M38510/32901BDA	1 (0)	54LS280/BDAJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/33001B2A	3 (6)	JD54F00B2A	NAND GATE, QUAD 2-INPUT	National
M38510/33001B2A	3 (4)	54F00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/33001B2A	1 (0)	54F00M/B2AJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/33001BCA	3 (6)	JD54F00BCA	NAND GATE, QUAD 2-INPUT	National
M38510/33001BCA	3 (4)	54F00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/33001BCA	1 (0)	54F00/BCAJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/33001BDA	3 (6)	JD54F00BDA	NAND GATE, QUAD 2-INPUT	National
M38510/33001BDA	1 (0)	54F00/BDAJC	NAND GATE, QUAD 2-INPUT	Motorola
M38510/33001BDA	3 (4)	54F00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/33001SCA	3 (6)	JD54F00SCA	NAND GATE, QUAD 2-INPUT	National
M38510/33001SDA	3 (6)	JD54F00SDA	NAND GATE, QUAD 2-INPUT	National
M38510/33002B2A	2 (2)	54F04	HEX INVERTER	T. I.
M38510/33002B2A	2 (2)	54F04	HEX INVERTER	T. I.
M38510/33002B2A	1 (0)	54F04M/B2AJC	HEX INVERTER	Motorola
M38510/33002B2A	3 (6.25)	JD54F04B2A	HEX INVERTER	National
M38510/33002BCA	3 (6.25)	JD54F04BCA	HEX INVERTER	National
M38510/33002BCA	1 (0)	54F04/BCAJC	HEX INVERTER	Motorola
M38510/33002BCA	2 (2)	54F04	HEX INVERTER	T. I.
M38510/33002BDA	2 (2)	54F04	HEX INVERTER	T. I.
M38510/33002BDA	1 (0)	54F04/BDAJC	HEX INVERTER	Motorola
M38510/33002BDA	3 (6.25)	JD54F04BDA	HEX INVERTER	National
M38510/33002SCA	3 (6.25)	JD54F04SCA	HEX INVERTER	National
M38510/33002SDA	3 (6.25)	JD54F04SDA	HEX INVERTER	National
M38510/33003B2A	1 (0)	54F10M/B2AJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/33003B2A	2 (2)	54F10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/33003B2A	2 (2.5)	JD54F10B2A	NAND GATE, TRIPLE 3-INPUT	National
M38510/33003BCA	1 (0)	54F10/BCAJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/33003BCA	2 (2)	54F10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/33003BCA	2 (2.5)	JD54F10BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/33003BDA	2 (2)	54F10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/33003BDA	1 (0)	54F10/BDAJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/33003BDA	2 (2.5)	JD54F10BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/33003SCA	2 (2.5)	JD54F10SCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/33003SDA	2 (2.5)	JD54F10SDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/33004B2A	1 (1.5)	JD54F20B2A	NAND GATE, DUAL 4-INPUT	National
M38510/33004B2A	1 (0)	54F20M/B2AJC	NAND GATE, DUAL 4-INPUT	Motorola
M38510/33004B2A	1 (1)	54F20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/33004BCA	1 (1.5)	JD54F20BCA	NAND GATE, DUAL 4-INPUT	National
M38510/33004BCA	1 (1)	54F20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/33004BCA	1 (0)	54F20/BCAJC	NAND GATE, DUAL 4-INPUT	Motorola
M38510/33004BDA	1 (1.5)	JD54F20BDA	NAND GATE, DUAL 4-INPUT	National
M38510/33004BDA	1 (0)	54F20/BDAJC	NAND GATE, DUAL 4-INPUT	Motorola
M38510/33004BDA	1 (1)	54F20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/33004SCA	1 (1.5)	JD54F20SCA	NAND GATE, DUAL 4-INPUT	National
M38510/33004SDA	1 (1.5)	JD54F20SDA	NAND GATE, DUAL 4-INPUT	National
M38510/33201B2A	2 (2)	54F240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/33201B2A	1 (0)	54F240M/B2AJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33201B2A	2 (2)	54F240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/33201BRA	2	54F240/BRAJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33201BRA	2 (2)	54F240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/33201BSA	2 (2)	54F240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/33201BSA	2	54F240/BSAJC	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33202B2A	2 (2)	54F241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/33202B2A	2	54F241M/B2AJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/33202B2A	3(6.5)	JD54F241B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33202BRA	3(6.5)	JD54F241BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33202B2A	2(2)	54F241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33202BRA	1(0)	54F241/BRAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33202BSA	2(2)	54F241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33202BSA	1(0)	54F241/BSAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33202SSA	3(6.5)	JD54F241SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33202SSA	3(6.5)	JD54F241SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33203B2A	3(7)	JD54F244B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33203B2A	1(0)	54F244M/B2AJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33203B2A	2(2)	54F244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33203B2A	2(2)	54F244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33203BRA	2(2)	54F244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33203BRA	1(0)	54F244/BRAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33203BRA	3(7)	JD54F244BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33203BSA	2(2)	54F244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/33203BSA	3(7)	JD54F244BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33203BSA	1(0)	54F244/BSAJJC	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/33203SRA	3(7)	JD54F244SRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33203SSA	3(7)	JD54F244SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/33204B2A	1(1.5)	JD54F540B2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/33204BRA	1(1.5)	JD54F540BRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/33204BSA	1(1.5)	JD54F540BSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/33301B2A	2(2)	54F02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/33301B2A	1(0)	54F02M/B2AJJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/33301B2A	2(2.5)	JD54F02B2A	NOR GATE, QUAD 2-INPUT	National
M38510/33301BCA	1(0)	54F02/BCAJJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/33301BCA	2(2.5)	JD54F02BCA	NOR GATE, QUAD 2-INPUT	National
M38510/33301BCA	2(2)	54F02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/33301BDA	2(2.5)	JD54F02BDA	NOR GATE, QUAD 2-INPUT	National
M38510/33301BDA	1(0)	54F02/BDAJJC	NOR GATE, QUAD 2-INPUT	Motorola
M38510/33301BDA	2(2)	54F02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/33301SCA	2(2.5)	JD54F02SCA	NOR GATE, QUAD 2-INPUT	National
M38510/33301SDA	2(2.5)	JD54F02SDA	NOR GATE, QUAD 2-INPUT	National
M38510/33401B2A	2(2)	JD54F64B2A	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
M38510/33401B2A	1(0)	54F64M/B2AJJC	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
M38510/33401BCA	2(2)	JD54F64BCA	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
M38510/33401BCA	1(0)	54F64/BCAJJC	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
M38510/33401BDA	2(2)	JD54F64BDA	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
M38510/33401BDA	1(0)	54F64/BDAJJC	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
M38510/33401SCA	2(2)	JD54F64SCA	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
M38510/33401SDA	2(2)	JD54F64SDA	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
M38510/33501B2A	3(5.25)	JD54F32B2A	OR GATE, QUAD 2-INPUT	National
M38510/33501B2A	1(0)	54F32M/B2AJJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/33501BCA	3(5.25)	JD54F32BCA	OR GATE, QUAD 2-INPUT	National
M38510/33501BCA	1(0)	54F32/BCAJJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/33501BDA	3(5.25)	JD54F32BDA	OR GATE, QUAD 2-INPUT	National
M38510/33501BDA	1(0)	54F32/BDAJJC	OR GATE, QUAD 2-INPUT	Motorola
M38510/33501SCA	3(5.25)	JD54F32SCA	OR GATE, QUAD 2-INPUT	National
M38510/33501SDA	3(5.25)	JD54F32SDA	OR GATE, QUAD 2-INPUT	National
M38510/33601B2A	1(0)	54F194M/B2AJJC	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
M38510/33601B2A	1(1.75)	JD54F194B2A	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
M38510/33601BEA	1(1.75)	JD54F194BEA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
M38510/33601BEA	1(0)	54F194/BEAJJC	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
M38510/33601BFA	1(0)	54F194/BFAJJC	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
M38510/33601BFA	1(1.75)	JD54F194BFA	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
M38510/33701B2A	1(0)	54F138M/B2AJJC	DECODER, 3-TO-8-LINE	Motorola
M38510/33701B2A	2(2.75)	JD54F138B2A	DECODER, 3-TO-8-LINE	National
M38510/33701B2A	2(2)	54F138	DECODER, 3-TO-8-LINE	T.I.
M38510/33701BEA	2(2)	54F138	DECODER, 3-TO-8-LINE	T.I.
M38510/33701BEA	1(0)	54F138/BEAJJC	DECODER, 3-TO-8-LINE	Motorola
M38510/33701BEA	2(2.75)	JD54F138BEA	DECODER, 3-TO-8-LINE	National
M38510/33701BFA	2(2)	54F138	DECODER, 3-TO-8-LINE	T.I.
M38510/33701BFA	1(0)	54F138/BFAJJC	DECODER, 3-TO-8-LINE	Motorola
M38510/33701BFA	2(2.75)	JD54F138BFA	DECODER, 3-TO-8-LINE	National
M38510/33701SFA	2(2.75)	JD54F138SFA	DECODER, 3-TO-8-LINE	National
M38510/33702B2A	1(0)	54F139M/B2AJJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/33702B2A	3(6.75)	JD54F139B2A	DECODER, DUAL 2-TO-4-LINE	National
M38510/33702BEA	1(0)	54F139/BEAJJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/33702BEA	3(6.75)	JD54F139BEA	DECODER, DUAL 2-TO-4-LINE	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/33702BFA	1 (0)	54F139/BFAJC	DECODER, DUAL 2-TO-4-LINE	Motorola
M38510/33702BFA	3 (6.75)	JD54F139BFA	DECODER, DUAL 2-TO-4-LINE	National
M38510/33702SEA	3 (6.75)	JD54F139SEA	DECODER, DUAL 2-TO-4-LINE	National
M38510/33702SFA	3 (6.75)	JD54F139SFA	DECODER, DUAL 2-TO-4-LINE	National
M38510/33801BKA	3 (7.75)	JD54F181BKA	ALU/FUNCTION GENERATOR, 4-BIT	National
M38510/33801BLA	3 (7.75)	JD54F181BLA	ALU/FUNCTION GENERATOR, 4-BIT	National
M38510/33802B2A	3 (5)	JD54F182B2A	LOOK AHEAD CARRY GENERATOR	National
M38510/33802B2A	1 (0)	54F182M/B2AJC	LOOK AHEAD CARRY GENERATOR	Motorola
M38510/33802B2A	3 (5)	JD54F182B2A	LOOK AHEAD CARRY GENERATOR	National
M38510/33802B2A	1 (0)	54F182/BEAJC	LOOK AHEAD CARRY GENERATOR	Motorola
M38510/33802BFA	3 (5)	JD54F182BFA	LOOK AHEAD CARRY GENERATOR	National
M38510/33802BFA	1 (0)	54F182/BFAJC	LOOK AHEAD CARRY GENERATOR	Motorola
M38510/33803B2A	1 (0)	54F381M/B2AJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
M38510/33803BRA	1 (0)	54F381/BRAJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
M38510/33803BSA	1 (0)	54F381/BSAJC	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
M38510/33804B2A	1 (0)	54F382M/B2AJC	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
M38510/33804BRA	1 (0)	54F382/BRAJC	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
M38510/33804BSA	1 (0)	54F382/BSAJC	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
M38510/33901B2A	1 (0)	54F151M/B2AJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/33901B2A	2 (2)	JD54F151B2A	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/33901BEA	1 (0)	54F151/BEAJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/33901BEA	2 (2)	JD54F151BEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/33901BFA	1 (0)	54F151/BFAJC	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
M38510/33901BFA	2 (2)	JD54F151BFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/33901SEA	2 (2)	JD54F151SEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/33901SFA	2 (2)	JD54F151SFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/33902B2A	1 (0)	54F153M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33902B2A	2 (2)	54F153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/33902B2A	3 (5.5)	JD54F153B2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/33902BEA	1 (0)	54F153/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33902BEA	3 (5.5)	JD54F153BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/33902BEA	2 (2)	54F153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/33902BFA	1 (0)	54F153/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33902BFA	3 (5.5)	JD54F153BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/33902BFA	2 (2)	54F153	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T. I.
M38510/33902SEA	3 (5.5)	JD54F153SEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/33902SFA	3 (5.5)	JD54F153SFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/33903B2A	3 (5)	JD54F157B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33903B2A	1 (0)	54F157AM/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33903BEA	1 (0)	54F157A/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33903BEA	3 (5)	JD54F157BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33903BFA	1 (0)	54F157A/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33903BFA	3 (5)	JD54F157BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33903SEA	3 (5)	JD54F157SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33903SFA	3 (5)	JD54F157SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33904B2A	1 (0)	54F158AM/B2AJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33904B2A	3 (5.5)	JD54F158B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33904BEA	1 (0)	54F158A/BEAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33904BEA	3 (5.5)	JD54F158BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33904BFA	1 (0)	54F158A/BFAJC	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
M38510/33904BFA	3 (5.5)	JD54F158BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33904SEA	3 (5.5)	JD54F158SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33904SFA	3 (5.5)	JD54F158SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/33905B2A	2 (2)	JD54F251B2A	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33905BEA	2 (2)	JD54F251BEA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33905BFA	2 (2)	JD54F251BFA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33905SEA	2 (2)	JD54F251SEA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33905SFA	2 (2)	JD54F251SFA	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33906B2A	1 (0)	JD54F257B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33906BEA	1 (0)	JD54F257BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33906BFA	1 (0)	JD54F257BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33906SEA	1 (0)	JD54F257SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33906SFA	1 (0)	JD54F257SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33907B2A	1 (0)	JD54F258B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33907BEA	1 (0)	JD54F258BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33907BFA	1 (0)	JD54F258BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33907SEA	1 (0)	JD54F258SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33907SFA	1 (0)	JD54F258SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33908B2A	1 (0)	54F253M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/33908B2A	3 (5)	JD54F253B2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33908BEA	1 (0)	54F253/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/33908BEA	3 (5)	JD54F253BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/33908BFA	1 (0)	54F253/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/33908BFA	3 (5)	JD54F253BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33908SEA	3 (5)	JD54F253SEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33908SFA	3 (5)	JD54F253SFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
M38510/33909B2A	1 (0)	54F352M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33909BEA	1 (0)	54F352/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33909BFA	1 (0)	54F352/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
M38510/33910B2A	1 (0)	54F353M/B2AJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/33910BEA	1 (0)	54F353/BEAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/33910BFA	1 (0)	54F353/BFAJC	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
M38510/34001B2A	3 (6.5)	JD54F08B2A	AND GATE, QUAD 2-INPUT	National
M38510/34001B2A	1 (0)	54F08M/B2AJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34001BCA	3 (6.5)	JD54F08BCA	AND GATE, QUAD 2-INPUT	National
M38510/34001BCA	1 (0)	54F08/BCAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34001BDA	1 (0)	54F08/BDAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34001BDA	3 (6.5)	JD54F08BDA	AND GATE, QUAD 2-INPUT	National
M38510/34001SCA	3 (6.5)	JD54F08SCA	AND GATE, QUAD 2-INPUT	National
M38510/34001SDA	3 (6.5)	JD54F08SDA	AND GATE, QUAD 2-INPUT	National
M38510/34002B2A	2 (2.5)	JD54F11B2A	AND GATE, QUAD 2-INPUT	National
M38510/34002B2A	1 (0)	54F11M/B2AJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34002B2A	2 (2)	54F11	AND GATE, QUAD 2-INPUT	T. I.
M38510/34002BCA	1 (0)	54F11/BCAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34002BCA	2 (2.5)	JD54F11BCA	AND GATE, QUAD 2-INPUT	National
M38510/34002BCA	2 (2)	54F11	AND GATE, QUAD 2-INPUT	T. I.
M38510/34002BDA	2 (2.5)	JD54F11BDA	AND GATE, QUAD 2-INPUT	National
M38510/34002BDA	1 (0)	54F11/BDAJC	AND GATE, QUAD 2-INPUT	Motorola
M38510/34002BDA	2 (2)	54F11	AND GATE, QUAD 2-INPUT	T. I.
M38510/34002SCA	2 (2.5)	JD54F11SCA	AND GATE, QUAD 2-INPUT	National
M38510/34002SDA	2 (2.5)	JD54F11SDA	AND GATE, QUAD 2-INPUT	National
M38510/34101B2A	3 (4)	54F74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/34101B2A	3 (4)	54F74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/34101B2A	1 (0)	54F74M/B2AJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/34101B2A	2 (2.25)	JD54F74R2A	FLIP-FLOP, D-TYPE, DUAL	National
M38510/34101BCA	2 (2.25)	JD54F74BCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/34101BCA	3 (4)	54F74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/34101BCA	1 (0)	54F74/BCAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/34101BDA	2 (2.25)	JD54F74BDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/34101BDA	3 (4)	54F74	FLIP-FLOP, D-TYPE, DUAL	T. I.
M38510/34101BDA	1 (0)	54F74/BDAJC	FLIP-FLOP, D-TYPE, DUAL	Motorola
M38510/34101SCA	2 (2.25)	JD54F74SCA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/34101SDA	2 (2.25)	JD54F74SDA	FLIP-FLOP, D-TYPE, DUAL	National
M38510/34102B2A	1 (0)	54F109M/B2AJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/34102B2A	2 (2.25)	JD54F109B2A	FLIP-FLOP, JK, DUAL	National
M38510/34102BEA	1 (0)	54F109/BEAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/34102BEA	2 (2.25)	JD54F109BEA	FLIP-FLOP, JK, DUAL	National
M38510/34102BFA	2 (2.25)	JD54F109BFA	FLIP-FLOP, JK, DUAL	National
M38510/34102BFA	1 (0)	54F109/BFAJC	FLIP-FLOP, JK, DUAL	Motorola
M38510/34104B2A	1 (0)	54F175M/B2AJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34104B2A	3 (7.5)	JD54F175B2A	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/34104BEA	3 (7.5)	JD54F175BEA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/34104BEA	1 (0)	54F175/BEAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34104BFA	1 (0)	54F175/BFAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34104BFA	3 (7.5)	JD54F175BFA	FLIP-FLOP, D-TYPE, 4-BIT	National
M38510/34105B2A	3 (6.75)	JD54F374B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34105B2A	1 (0)	54F374M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34105BRA	1 (0)	54F374/BRAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34105BRA	3 (6.75)	JD54F374BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34105BSA	1 (0)	54F374/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34105BSA	3 (6.75)	JD54F374BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34106B2A	1 (0)	54F534M/B2AJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34106B2A	3 (6.5)	JD54F534B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34106BRA	3 (6.5)	JD54F534BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34106BRA	1 (0)	54F534/BRAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34106BSA	3 (6.5)	JD54F534BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34106BSA	1 (0)	54F534/BSAJC	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34107B2A	1 (0)	54F174M/B2AJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/34107B2A	3 (7.5)	JD54F174B2A	FLIP-FLOP, D-TYPE, HEX	National
M38510/34107BEA	1 (0)	54F174/BEAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/34107BEA	3 (7.5)	JD54F174BEA	FLIP-FLOP, D-TYPE, HEX	National
M38510/34107BFA	3 (7.5)	JD54F174BFA	FLIP-FLOP, D-TYPE, HEX	National
M38510/34107BFA	1 (0)	54F174/BFAJC	FLIP-FLOP, D-TYPE, HEX	Motorola
M38510/34107SEA	3 (7.5)	JD54F174SEA	FLIP-FLOP, D-TYPE, HEX	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
M38510/34107SFA	3 (7.5)	JD54F174SFA	FLIP-FLOP, D-TYPE, HEX	National
M38510/34109B2A	1 (0)	54F379M/B2AJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34109BEA	1 (0)	54F379/BEAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34109BFA	1 (0)	54F379/BFAJC	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
M38510/34201B2A	3 (7)	JD54F283B2A	ADDER, 4-BIT FULL	National
M38510/34201B2A	2 (2)	54F283	ADDER, 4-BIT FULL	T.I.
M38510/34201B2A	1 (0)	54F283M/B2AJC	ADDER, 4-BIT FULL	Motorola
M38510/34201BEA	1 (0)	54F283/BEAJC	ADDER, 4-BIT FULL	Motorola
M38510/34201BEA	3 (7)	JD54F283BEA	ADDER, 4-BIT FULL	National
M38510/34201BEA	2 (2)	54F283	ADDER, 4-BIT FULL	T.I.
M38510/34201BFA	3 (7)	JD54F283BFA	ADDER, 4-BIT FULL	National
M38510/34201BFA	1 (0)	54F283/BFAJC	ADDER, 4-BIT FULL	Motorola
M38510/34201BFA	2 (2)	54F283	ADDER, 4-BIT FULL	T.I.
M38510/34201SEA	3 (7)	JD54F283SEA	ADDER, 4-BIT FULL	National
M38510/34201SFA	3 (7)	JD54F283SFA	ADDER, 4-BIT FULL	National
M38510/34301B2A	1 (0)	54F161AM/B2AJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/34301B2A	3 (6.5)	JD54F161B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34301BEA	1 (0)	54F161A/BEAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/34301BEA	3 (6.5)	JD54F161BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34301BFA	3 (6.5)	JD54F161BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34301BFA	1 (0)	54F161A/BFAJC	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
M38510/34301SEA	3 (6.5)	JD54F161SEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34301SFA	3 (6.5)	JD54F161SFA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34302B2A	3 (6)	JD54F163B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34302BEA	3 (6)	JD54F163BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34302BFA	3 (6)	JD54F163BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34302SEA	3 (6)	JD54F163SEA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34302SFA	3 (6)	JD54F163SFA	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
M38510/34304B2A	3 (7)	JD54F193B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/34304BEA	3 (7)	JD54F193BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/34304BFA	3 (7)	JD54F193BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
M38510/34401B2A	3 (7)	JD54F160B2A	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/34401BEA	3 (7)	JD54F160BEA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/34401BFA	3 (7)	JD54F160BFA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/34401SEA	3 (7)	JD54F160SEA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/34401SFA	3 (7)	JD54F160SFA	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
M38510/34404B2A	3 (7)	JD54F192B2A	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
M38510/34404BEA	3 (7)	JD54F192BEA	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
M38510/34404BFA	3 (7)	JD54F192BFA	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
M38510/34501B2A	1 (0)	54F86M/B2AJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/34501B2A	2 (2.5)	JD54F86B2A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/34501BCA	2 (2.5)	JD54F86BCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/34501DCA	1 (0)	54F86C/DCAJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/34501BDA	1 (0)	54F86/BDAJC	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
M38510/34501BDA	2 (2.5)	JD54F86BDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/34501SCA	2 (2.5)	JD54F86SCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/34501SDA	2 (2.5)	JD54F86SDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/34601B2A	3 (5.5)	JD54F373B2A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34601B2A	1 (0)	54F373M/B2AJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34601BRA	3 (5.5)	JD54F373BRA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34601BRA	1 (0)	54F373/BRAJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34601BSA	1 (0)	54F373/BSAJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34601BSA	3 (5.5)	JD54F373BSA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34601SRA	3 (5.5)	JD54F373SRA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34601SSA	3 (5.5)	JD54F373SSA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34602B2A	1 (0)	54F533M/B2AJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34602B2A	3 (6)	JD54F533B2A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34602BRA	1 (0)	54F533/BRAJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34602BRA	3 (6)	JD54F533BRA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34602BSA	3 (6)	JD54F533BSA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34602BSA	1 (0)	54F533/BSAJC	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
M38510/34603B2A	3 (6.5)	JD54F563B2A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34603BRA	3 (6.5)	JD54F563BRA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34603BSA	3 (6.5)	JD54F563BSA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34604B2A	3 (4.75)	JD54F573B2A	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34604BRA	3 (4.75)	JD54F573BRA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34604BSA	3 (4.75)	JD54F573BSA	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/34701B2A	2 (2)	54F521	IDENTITY COMPARATOR, 8-BIT	T.I.
M38510/34701B2A	2 (2)	JD54F521B2A	IDENTITY COMPARATOR, 8-BIT	National
M38510/34701BRA	2 (2)	JD54F521BRA	IDENTITY COMPARATOR, 8-BIT	National
M38510/34701BRA	2 (2)	54F521	IDENTITY COMPARATOR, 8-BIT	T.I.
M38510/34701BSA	2 (2)	54F521	IDENTITY COMPARATOR, 8-BIT	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
M38510/34701BSA	2 (2)	JD54F521BSA	IDENTITY COMPARATOR, 8-BIT	National
M38510/34701SRA	2 (2)	JD54F521SRA	IDENTITY COMPARATOR, 8-BIT	National
M38510/34701SSA	2 (2)	JD54F521SSA	IDENTITY COMPARATOR, 8-BIT	National
M38510/34801B2A	1 (0)	54F242M/B2AJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34801BCA	1 (0)	54F242/BCAJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34801BDA	1 (0)	54F242/BDAJC	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34802B2A	1 (0)	54F243M/B2AJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34802BCA	1 (0)	54F243/BCAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34802BDA	1 (0)	54F243/BDAJC	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
M38510/34803B2A	1 (0)	54F245M/B2AJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
M38510/34803B2A	3 (4)	54F245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
M38510/34803B2A	3 (8)	JD54F245B2A	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
M38510/34803BRA	3 (8)	JD54F245BRA	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
M38510/34803BRA	3 (4)	54F245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
M38510/34803BRA	1 (0)	54F245/BRAJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
M38510/34803BSA	3 (4)	54F245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
M38510/34803BSA	1 (0)	54F245/BSAJC	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
M38510/34803BSA	3 (8)	JD54F245BSA	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
M38510/34803SRA	3 (8)	JD54F245SRA	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
M38510/34803SSA	3 (8)	JD54F245SSA	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
M38510/34901B2A	1 (0)	54F280M/B2AJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/34901B2A	3 (7.25)	JD54F280B2A	PARITY GENERATOR/CHECKER, 9-BIT	National
M38510/34901BCA	1 (0)	54F280/BCAJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/34901BCA	3 (7.25)	JD54F280BCA	PARITY GENERATOR/CHECKER, 9-BIT	National
M38510/34901BDA	1 (0)	54F280/BDAJC	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
M38510/34901BDA	3 (7.25)	JD54F280BDA	PARITY GENERATOR/CHECKER, 9-BIT	National
M38510/34901SCA	3 (7.25)	JD54F280SCA	PARITY GENERATOR/CHECKER, 9-BIT	National
M38510/34901SDA	3 (7.25)	JD54F280SDA	PARITY GENERATOR/CHECKER, 9-BIT	National
M38510/35001B2A	1 (0)	54F398M/B2AJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35001B2A	2 (2.25)	JD54F398B2A	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35001BRA	1 (0)	54F398/BRAJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35001BRA	2 (2.25)	JD54F398BRA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35001BSA	2 (2.25)	JD54F398BSA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35001BSA	1 (0)	54F398/BSAJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35001SRA	2 (2.25)	JD54F398SRA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35001SSA	2 (2.25)	JD54F398SSA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35002B2A	2 (2.75)	JD54F399B2A	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35002B2A	2 (2)	54F399M/B2AJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35002BEA	2 (2.75)	JD54F399BEA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35002BEA	2 (2)	54F399/BEAJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35002BFA	2 (2)	54F399/BFAJC	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
M38510/35002BFA	2 (2.75)	JD54F399BFA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35002SFA	2 (2.75)	JD54F399SFA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35101B2A	2 (2.75)	JD54F399SFA	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
M38510/35101B2A	2 (3)	JD54F365B2A	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/35101BEA	2 (3)	JD54F365BEA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/35101BFA	2 (3)	JD54F365BFA	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/35202B2A	2 (2.25)	JD54F38B2A	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/35202BCA	2 (2.25)	JD54F38BCA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/35202BDA	2 (2.25)	JD54F38BDA	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
M38510/36001B2A	1 (<2)	54LS148	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
M38510/36001BEA	1 (<2)	54LS148	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
M38510/36002B2A	1 (<2)	54LS348	PRIORITY ENCODER, 8-LINE-TO-3-LINE, TS	T.I.
M38510/36002BEA	1 (<2)	54LS348	PRIORITY ENCODER, 8-LINE-TO-3-LINE, TS	T.I.
M38510/36101B2A	1 (0)	54LS173A	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
M38510/36101BEA	1 (0)	54LS173A	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
M38510/37001B2A	2 (2)	54ALS00A	NAND GATE, QUAD 2-INPUT	T.I.
M38510/37001BCA	2 (2)	54ALS00A	NAND GATE, QUAD 2-INPUT	T.I.
M38510/37002B2A	1 (2)	54ALS10A	NAND GATE, TRIPLE 3-INPUT	T.I.
M38510/37002BCA	1 (2)	54ALS10A	NAND GATE, TRIPLE 3-INPUT	T.I.
M38510/37003B2A	1 (2)	54ALS20A	NAND GATE, DUAL 4-INPUT	T.I.
M38510/37003BCA	1 (2)	54ALS20A	NAND GATE, DUAL 4-INPUT	T.I.
M38510/37004B2A	2 (2)	54ALS30A	NAND GATE, 8-INPUT	T.I.
M38510/37004BCA	2 (2)	54ALS30A	NAND GATE, 8-INPUT	T.I.
M38510/37005B2A	2 (2)	54ALS133	NAND GATE, 13-INPUT	T.I.
M38510/37005BEA	2 (2)	54ALS133	NAND GATE, 13-INPUT	T.I.
M38510/37006B2A	2 (2)	54ALS04B	HEX INVERTER	T.I.
M38510/37006BCA	2 (2)	54ALS04B	HEX INVERTER	T.I.
M38510/37101B2A	2 (2)	54ALS74A	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/37101BCA	2 (2)	54ALS74A	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
M38510/37102B2A	3 (4)	54ALS109A	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
M38510/37102BEA	3 (4)	54ALS109A	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
M38510/37103B2A	1 (1)	54ALS112A	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
M38510/37103BEA	1 (1)	54ALS112A	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
M38510/37104B2A	2 (2)	54ALS574A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
M38510/37104BRA	2 (2)	54ALS574A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
M38510/37201B2A	2 (2)	54ALS174	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
M38510/37201BRA	2 (2)	54ALS174	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
M38510/37202B2A	2 (2)	54ALS175	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
M38510/37202BEA	2 (2)	54ALS175	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
M38510/37203B2A	2 (2)	54ALS373	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
M38510/37203BRA	2 (2)	54ALS373	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
M38510/37204B2A	2 (2)	54ALS374	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
M38510/37204BRA	2 (2)	54ALS374	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
M38510/37301B2A	1 (1)	54ALS02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/37301BCA	1 (1)	54ALS02	NOR GATE, QUAD 2-INPUT	T.I.
M38510/37302B2A	1 (1)	54ALS27	NOR GATE, TRIPLE 3-INPUT	T.I.
M38510/37302BCA	1 (1)	54ALS27	NOR GATE, TRIPLE 3-INPUT	T.I.
M38510/37401B2A	2 (2)	54ALS08	AND GATE, QUAD 2-INPUT	T.I.
M38510/37401BCA	2 (2)	54ALS08	AND GATE, QUAD 2-INPUT	T.I.
M38510/37402B2A	1 (1)	54ALS11A	AND GATE, TRIPLE 3-INPUT	T.I.
M38510/37402BCA	1 (1)	54ALS11A	AND GATE, TRIPLE 3-INPUT	T.I.
M38510/37501B2A	2 (2)	54ALS32	OR GATE, QUAD 2-INPUT	T.I.
M38510/37501BCA	2 (2)	54ALS32	OR GATE, QUAD 2-INPUT	T.I.
M38510/37701B2A	2 (2)	54ALS138	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
M38510/37701BEA	2 (2)	54ALS138	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
M38510/38001B2A	3 (4)	54ALS161B	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
M38510/38001BEA	3 (4)	54ALS161B	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
M38510/38002B2A	2 (2)	54ALS163B	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
M38510/38002BEA	2 (2)	54ALS163B	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
M38510/38003B2A	2 (2)	54ALS169B	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
M38510/38003BEA	2 (2)	54ALS169B	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
M38510/38201B2A	2 (2)	54ALS573B	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
M38510/38201BRA	2 (2)	54ALS573B	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
M38510/38301B2A	2 (2)	54ALS240A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38301BRA	2 (2)	54ALS240A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38302B2A	2 (2)	54ALS241B	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38302BEA	2 (2)	54ALS241B	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38303B2A	3 (4)	54ALS244B	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38303BRA	3 (4)	54ALS244B	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
M38510/38401B2A	1 (0)	54ALS1000A	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
M38510/38401BCA	1 (0)	54ALS1000A	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
M38510/38402B2A	1 (0)	54ALS1002A	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
M38510/38402BCA	1 (0)	54ALS1002A	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
M38510/38411B2A	2 (2)	54ALS1034	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
M38510/38411BCA	2 (2)	54ALS1034	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
M38510/50201BXA	1 (0.5)	82S101/BXA	PROG. LOGIC DEVICE, 16 X 48 X 8	Philips
M38510/50202BXA	1 (0.5)	82S100/BXA	PROG. LOGIC DEVICE, 16 X 48 X 8	Philips
M38510/50401BRA	2 (2)	16L8A	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
M38510/50402BRA	1 (.5)	16R8A	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T.I.
M38510/50403BRA	1 (0)	16R6A	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T.I.
M38510/50404BRA	1 (0)	16R4A	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T.I.
M38510/50407BRA	1 (0)	16L8A-2	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T.I.
M38510/50408BRA	1 (0)	16R8A-2	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
M38510/50409BRA	1 (0)	16R6A-2	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
M38510/50410BRA	1 (.5)	16R4A-2	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
M38510/50501BLA	1 (0)	20L8-15	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
M38510/50502BLA	1 (0)	20R8-15	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
M38510/50503BLA	1 (0)	20R6-15	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
M38510/50504BLA	1 (0)	20R4-15	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
M38510/50601BRA	1 (<.5)	16L8A-15	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
M38510/50602BRA	1 (<.5)	16R8A-15	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
M38510/50603BRA	1 (0)	16R6A-15	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
M38510/50604BRA	1 (0)	16R4A-15	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
M38510/50605BRA	1 (1.5)	16L8A	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
M38510/50606BRA	1 (<2)	16R8A	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
M38510/50607BRA	1 (0)	16R6A	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND OR	T.I.

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (8)
M38510/50608BRA	1 (0)	16R4A	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
M38510/50803B3A	2	PALC22V10B-20LMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
M38510/50803BKA	2	PALC22V10B-20KMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
M38510/50803BLA	2	PALC22V10B-20DMB	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
M38510/53001BQA	1	JD808601	MICROPROCESSOR, 16-BIT	Intel
M38510/55501BZA	2 (2)	UT1553BRTI	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
M38510/55501BZC	2 (2)	UT1553BRTI	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
M38510/55502BZA	2 (2)	UT1553BRTI	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
M38510/55502BZC	2 (2)	UT1553BRTI	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
M38510/60504BQA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
M38510/60604BXA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
M38510/60604BXC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
M38510/60604BYA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
M38510/60604BYC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
M38510/60606BYA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
M38510/60606DYC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
M38510/60606BZA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
M38510/60606BZC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
M38510/60608BNA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
M38510/60608BYA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
M38510/60608BZA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
M38510/60611BNA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60611BNC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60708BZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
M38510/60708BZC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
M38510/60711BTA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60711BTC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60711BZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60711BZC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
M38510/60811BZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510/65001B2A	1 (1)	54HC00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/65001BCA	1 (1)	54HC00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/65001BDA	1 (1)	54HC00	NAND GATE, QUAD 2-INPUT	T. I.
M38510/65002B2A	1 (1)	54HC10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/65002BCA	1 (1)	54HC10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/65002BDA	1 (1)	54HC10	NAND GATE, TRIPLE 3-INPUT	T. I.
M38510/65003BCA	1 (1.5)	54HC20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/65003BDA	1 (1.5)	54HC20	NAND GATE, DUAL 4-INPUT	T. I.
M38510/65101B2A	1 (1)	54HC02	NOR GATE, QUAD 2-INPUT	T. I.
M38510/65101BCA	1 (1)	54HC02	NOR GATE, QUAD 2-INPUT	T. I.
M38510/65101BDA	1 (1)	54HC02	NOR GATE, QUAD 2-INPUT	T. I.
M38510/65102BCA	1 (1)	54HC27	NOR GATE, TRIPLE 3-INPUT	T. I.
M38510/65102BDA	1 (1)	54HC27	NOR GATE, TRIPLE 3-INPUT	T. I.
M38510/65104BCA	2 (2)	54HC4002	NOR GATE, DUAL 4-INPUT	T. I.
M38510/65104BDA	2 (2)	54HC4002	NOR GATE, DUAL 4-INPUT	T. I.
M38510/65201B2A	2 (2)	54HC32	OR GATE, QUAD 2-INPUT	T. I.
M38510/65201BCA	2 (2)	54HC32	OR GATE, QUAD 2-INPUT	T. I.
M38510/65201BDA	2 (2)	54HC32	OR GATE, QUAD 2-INPUT	T. I.
M38510/65202BCA	2 (2)	54HC86	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
M38510/65202BDA	2 (2)	54HC86	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
M38510/65203B2A	1 (1)	54HC08	AND GATE, QUAD 2-INPUT	T. I.
M38510/65203BCA	1 (1)	54HC08	AND GATE, QUAD 2-INPUT	T. I.
M38510/65203BDA	1 (1)	54HC08	AND GATE, QUAD 2-INPUT	T. I.
M38510/65204BCA	2 (2)	54HC11	AND GATE, TRIPLE 3-INPUT	T. I.
M38510/65204BDA	2 (2)	54HC11	AND GATE, TRIPLE 3-INPUT	T. I.
M38510/65302B2A	2 (2)	54HC74	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T. I.
M38510/65302BCA	2 (2)	54HC74	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T. I.
M38510/65302BDA	2 (2)	54HC74	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T. I.
M38510/65304B2A	2 (2)	54HC109	FLIP-FLOP, JK, DUAL	T. I.
M38510/65304BEA	2 (2)	54HC109	FLIP-FLOP, JK, DUAL	T. I.
M38510/65305BEA	3 (4)	54HC112	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T. I.
M38510/65305BFA	3 (4)	54HC112	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T. I.
M38510/65307BEA	1 (1)	54HC174	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T. I.
M38510/65307BFA	1 (1)	54HC174	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T. I.
M38510/65308BEA	2 (2)	54HC175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/65308BFA	2 (2)	54HC175	FLIP-FLOP, D-TYPE, 4-BIT	T. I.
M38510/65352BCA	1 (1.5)	54HCT74	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS	T. I.
M38510/65402BEA	1 (1)	54HC259	LATCH, 8-BIT ADDRESSABLE	T. I.

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/65403B2A	2 (2)	54HC373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65403BRA	2 (2)	54HC373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65403BSA	2 (2)	54HC373	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65406BRA	2 (2)	54HC573	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65453BRA	3 (4)	54HCT373	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
M38510/65453BSA	3 (4)	54HCT373	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
M38510/65503BRA	3 (4)	54HC245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
M38510/65503BSA	3 (4)	54HC245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
M38510/65553BRA	2 (2)	54HCT245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
M38510/65553BSA	2 (2)	54HCT245	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
M38510/65601BRA	2 (2)	54HC273	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T. I.
M38510/65601BSA	2 (2)	54HC273	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T. I.
M38510/65602BRA	2 (2)	54HC374	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65602BSA	2 (2)	54HC374	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65604BRA	3 (4)	54HC574	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65652BRA	1 (1)	54HCT374	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T. I.
M38510/65652BSA	1 (1)	54HCT374	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T. I.
M38510/65701B2A	1 (1.5)	54HC04	HEX INVERTER	T. I.
M38510/65701BCA	1 (1.5)	54HC04	HEX INVERTER	T. I.
M38510/65701BDA	1 (1.5)	54HC04	HEX INVERTER	T. I.
M38510/65702BCA	2 (2)	54HC14	HEX INVERTER, SCHMITT TRIGGER	T. I.
M38510/65702BDA	2 (2)	54HC14	HEX INVERTER, SCHMITT TRIGGER	T. I.
M38510/65703B2A	2 (2)	54HC240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65703BRA	2 (2)	54HC240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65703BSA	2 (2)	54HC240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65704BRA	1 (1.5)	54HC241	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65705B2A	2 (2)	54HC244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65705BRA	2 (2)	54HC244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65705BSA	2 (2)	54HC244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65706BEA	1 (1)	54HC365	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65708BEA	2 (2)	54HC367	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65708BFA	2 (2)	54HC367	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65709BEA	3 (4)	54HC368	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65710BRA	2 (2)	54HC540	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65711BRA	1 (1)	54HC541	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65711BSA	1 (1)	54HC541	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65751BCA	1 (1)	54HCT04	HEX INVERTER, TTL-COMPATIBLE INPUTS	T. I.
M38510/65753BRA	2 (2)	54HCT240	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65755BRA	1 (1)	54HCT244	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65760BRA	1 (1)	54HCT540	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
M38510/65761BRA	2 (2)	54HCT541	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
M38510/65802B2A	3 (4)	54HC138	DECODER, 3-TO-8-LINE	T. I.
M38510/65802BEA	3 (4)	54HC138	DECODER, 3-TO-8-LINE	T. I.
M38510/65802BFA	3 (4)	54HC138	DECODER, 3-TO-8-LINE	T. I.
M38510/65803BEA	2 (2)	54HC139	DECODER, DUAL 2-TO-4-LINE	T. I.
M38510/65803BFA	2 (2)	54HC139	DECODER, DUAL 2-TO-4-LINE	T. I.
M38510/65852BEA	2 (2)	54HCT138	DECODER, 3-TO-8-LINE	T. I.
M38510/66302BEA	2 (2)	54HC161	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T. I.
M38510/66302BFA	2 (2)	54HC161	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T. I.
M38510/66304BEA	1 (1)	54HC163	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T. I.
M38510/66309BCA	2 (2)	54HC393	BINARY COUNTER, DUAL 4-BIT	T. I.
M38510/66309BDA	2 (2)	54HC393	BINARY COUNTER, DUAL 4-BIT	T. I.
M38510/70201BEA	1 (0.5)	UC1846J	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Unitrode
M38510/70202BEA	1 (0)	UC1847J	PULSE WIDTH MODULATOR, CURRENT MODE	Unitrode
M38510/70601B2A	1 (.04)	MML80LSA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70601BCA	1 (.04)	MML80DFA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70601BEA	1 (.04)	MML80DLA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70601BRA	1 (.04)	MML80DSA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70601BVA	1 (.04)	MML80DQA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70601BXA	1 (.04)	MML80LBA	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70602BEA	1 (.5)	MML120DLA	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70602BFA	1 (.5)	MML120DJA	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70602BRA	1 (.5)	MML120DSA	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70602BXA	1 (.5)	MML120LBA	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70603BEA	1 (.4)	MML160DLA	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70603BQA	1 (.4)	MML160M5A	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70603BRA	1 (.4)	MML160DSA	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/70603BVA	1 (.4)	MML160DQA	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)

TABLE I
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MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/70603BXA	1 (.4)	MML160LBA	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
M38510/75001B2A	3 (4)	JM54AC00B2A	NAND GATE, QUAD 2-INPUT	National
M38510/75001BCA	3 (4)	JM54AC00BCA	NAND GATE, QUAD 2-INPUT	National
M38510/75001BDA	3 (4)	JM54AC00BDA	NAND GATE, QUAD 2-INPUT	National
M38510/75001S2A	3 (4)	JM54AC00S2A	NAND GATE, QUAD 2-INPUT	National
M38510/75001SCA	3 (4)	JM54AC00SCA	NAND GATE, QUAD 2-INPUT	National
M38510/75001SDA	3 (4)	JM54AC00SDA	NAND GATE, QUAD 2-INPUT	National
M38510/75002B2A	3 (7.25)	JM54AC10B2A	NAND GATE, TRIPLE 3-INPUT	National
M38510/75002BCA	3 (7.25)	JM54AC10BCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/75002BDA	3 (7.25)	JM54AC10BDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/75002BDA	1 (0)	54LS86/BD AJC	NAND GATE, TRIPLE 3-INPUT	Motorola
M38510/75002S2A	3 (7.25)	JM54AC10S2A	NAND GATE, TRIPLE 3-INPUT	National
M38510/75002SCA	3 (7.25)	JM54AC10SCA	NAND GATE, TRIPLE 3-INPUT	National
M38510/75002SDA	3 (7.25)	JM54AC10SDA	NAND GATE, TRIPLE 3-INPUT	National
M38510/75003B2A	2 (3)	JM54AC20B2A	NAND GATE, DUAL 4-INPUT	National
M38510/75003BCA	2 (3)	JM54AC20BCA	NAND GATE, DUAL 4-INPUT	National
M38510/75003BDA	2 (3)	JM54AC20BDA	NAND GATE, DUAL 4-INPUT	National
M38510/75003S2A	2 (3)	JM54AC20S2A	NAND GATE, DUAL 4-INPUT	National
M38510/75003SCA	2 (3)	JM54AC20SCA	NAND GATE, DUAL 4-INPUT	National
M38510/75003SDA	2 (3)	JM54AC20SDA	NAND GATE, DUAL 4-INPUT	National
M38510/75101B2A	2 (2.75)	JM54AC02B2A	NOR GATE, QUAD 2-INPUT	National
M38510/75101BCA	2 (2.75)	JM54AC02BCA	NOR GATE, QUAD 2-INPUT	National
M38510/75101BDA	2 (2.75)	JM54AC02BDA	NOR GATE, QUAD 2-INPUT	National
M38510/75101S2A	2 (2.75)	JM54AC02S2A	NOR GATE, QUAD 2-INPUT	National
M38510/75101SCA	2 (2.75)	JM54AC02SCA	NOR GATE, QUAD 2-INPUT	National
M38510/75101SDA	2 (2.75)	JM54AC02SDA	NOR GATE, QUAD 2-INPUT	National
M38510/75201B2A	3 (10)	JM54AC32B2A	OR GATE, QUAD 2-INPUT	National
M38510/75201BCA	3 (10)	JM54AC32BCA	OR GATE, QUAD 2-INPUT	National
M38510/75201BDA	3 (10)	JM54AC32BDA	OR GATE, QUAD 2-INPUT	National
M38510/75201S2A	3 (10)	JM54AC32S2A	OR GATE, QUAD 2-INPUT	National
M38510/75201SCA	3 (10)	JM54AC32SCA	OR GATE, QUAD 2-INPUT	National
M38510/75201SDA	3 (10)	JM54AC32SDA	OR GATE, QUAD 2-INPUT	National
M38510/75202B2A	2 (2.75)	JM54AC86B2A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75202BCA	2 (2.75)	JM54AC86BCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75202BDA	2 (2.75)	JM54AC86BDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75202S2A	2 (2.75)	JM54AC86S2A	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75202SCA	2 (2.75)	JM54AC86SCA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75202SDA	2 (2.75)	JM54AC86SDA	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510/75203B2A	3 (9.75)	JM54AC08B2A	AND GATE, QUAD 2-INPUT	National
M38510/75203BCA	3 (9.75)	JM54AC08BCA	AND GATE, QUAD 2-INPUT	National
M38510/75203BDA	3 (9.75)	JM54AC08BDA	AND GATE, QUAD 2-INPUT	National
M38510/75203S2A	3 (9.75)	JM54AC08S2A	AND GATE, QUAD 2-INPUT	National
M38510/75203SCA	3 (9.75)	JM54AC08SCA	AND GATE, QUAD 2-INPUT	National
M38510/75203SDA	3 (9.75)	JM54AC08SDA	AND GATE, QUAD 2-INPUT	National
M38510/75204B2A	3 (10)	JM54AC11B2A	AND GATE, TRIPLE 3-INPUT	National
M38510/75204BCA	3 (10)	JM54AC11BCA	AND GATE, TRIPLE 3-INPUT	National
M38510/75204BDA	3 (10)	JM54AC11BDA	AND GATE, TRIPLE 3-INPUT	National
M38510/75204S2A	3 (10)	JM54AC11S2A	AND GATE, TRIPLE 3-INPUT	National
M38510/75204SCA	3 (10)	JM54AC11SCA	AND GATE, TRIPLE 3-INPUT	National
M38510/75204SDA	3 (10)	JM54AC11SDA	AND GATE, TRIPLE 3-INPUT	National
M38510/75302B2A	3 (10)	JM54AC74B2A	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75302BCA	3 (10)	JM54AC74BCA	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75302BDA	3 (10)	JM54AC74BDA	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75302S2A	3 (10)	JM54AC74S2A	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75302SCA	3 (10)	JM54AC74SCA	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75302SDA	3 (10)	JM54AC74SDA	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75304B2A	3 (5.25)	JM54AC109B2A	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75304BEA	3 (5.25)	JM54AC109BEA	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75304BFA	3 (5.25)	JM54AC109BFA	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75304S2A	3 (5.25)	JM54AC109S2A	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75304SEA	3 (5.25)	JM54AC109SEA	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/75304SFA	3 (5.25)	JM54AC109SFA	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510/75307B2A	3 (8.75)	JM54AC174B2A	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75307BEA	3 (8.75)	JM54AC174BEA	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75307BFA	3 (8.75)	JM54AC174BFA	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75307S2A	3 (8.75)	JM54AC174S2A	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75307SEA	3 (8.75)	JM54AC174SEA	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75307SFA	3 (8.75)	JM54AC174SFA	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510/75403B2A	3 (6.25)	JM54AC373B2A	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75403BRA	3 (6.25)	JM54AC373BRA	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75403BSA	3 (6.25)	JM54AC373BSA	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75403S2A	3 (6.25)	JM54AC373S2A	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75403SRA	3 (6.25)	JM54AC373SRA	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75403SSA	3 (6.25)	JM54AC373SSA	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510/75503B2A	3 (10)	JM54AC245B2A	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75503BRA	3 (10)	JM54AC245BRA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75503BSA	3 (10)	JM54AC245BSA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75503S2A	3 (10)	JM54AC245S2A	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75503SRA	3 (10)	JM54AC245SRA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75503SSA	3 (10)	JM54AC245SSA	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510/75601B2A	3 (5.5)	JM54AC273B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75601BRA	3 (5.5)	JM54AC273BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75601BSA	3 (5.5)	JM54AC273BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75601S2A	3 (5.5)	JM54AC273S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75601SRA	3 (5.5)	JM54AC273SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75601SSA	3 (5.5)	JM54AC273SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
M38510/75602B2A	2 (3.75)	JM54AC374B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75602BRA	2 (3.75)	JM54AC374BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75602BSA	2 (3.75)	JM54AC374BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75602S2A	2 (3.75)	JM54AC374S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75602SRA	2 (3.75)	JM54AC374SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75602SSA	2 (3.75)	JM54AC374SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75603B2A	3 (10)	JM54AC377B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75603BRA	3 (10)	JM54AC377BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75603BSA	3 (10)	JM54AC377BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75603S2A	3 (10)	JM54AC377S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75603SRA	3 (10)	JM54AC377SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75603SSA	3 (10)	JM54AC377SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
M38510/75604B2A	3 (10)	JM54AC574B2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75604BRA	3 (10)	JM54AC574BRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75604BSA	3 (10)	JM54AC574BSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75604S2A	3 (10)	JM54AC574S2A	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75604SRA	3 (10)	JM54AC574SRA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75604SSA	3 (10)	JM54AC574SSA	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
M38510/75701B2A	3 (9.25)	JM54AC04B2A	HEX INVERTER	National
M38510/75701BCA	3 (9.25)	JM54AC04BCA	HEX INVERTER	National
M38510/75701BDA	3 (9.25)	JM54AC04BDA	HEX INVERTER	National
M38510/75701S2A	3 (9.25)	JM54AC04S2A	HEX INVERTER	National
M38510/75701SCA	3 (9.25)	JM54AC04SCA	HEX INVERTER	National
M38510/75701SDA	3 (9.25)	JM54AC04SDA	HEX INVERTER	National
M38510/75702B2A	3 (10)	JM54AC14B2A	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75702BCA	3 (10)	JM54AC14BCA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75702BDA	3 (10)	JM54AC14BDA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75702S2A	3 (10)	JM54AC14S2A	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75702SCA	3 (10)	JM54AC14SCA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75702SDA	3 (10)	JM54AC14SDA	HEX INVERTER, SCHMITT TRIGGER	National
M38510/75703B2A	3 (9.75)	JM54AC240B2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75703BRA	3 (9.75)	JM54AC240BRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75703BSA	3 (9.75)	JM54AC240BSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75703S2A	3 (9.75)	JM54AC240S2A	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75703SRA	3 (9.75)	JM54AC240SRA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75703SSA	3 (9.75)	JM54AC240SSA	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510/75704B2A	3 (7.5)	JM54AC241B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75704BRA	3 (7.5)	JM54AC241BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75704BSA	3 (7.5)	JM54AC241BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75704S2A	3 (7.5)	JM54AC241S2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE (S)
M38510/75704SRA	3 (7.5)	JM54AC241SRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75704SSA	3 (7.5)	JM54AC241SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705B2A	3 (10)	JM54AC244B2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705BRA	3 (10)	JM54AC244BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705BSA	3 (10)	JM54AC244BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705S2A	3 (10)	JM54AC244S2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705SRA	3 (10)	JM54AC244SRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75705SSA	3 (10)	JM54AC244SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711R2A	3 (10)	JM54AC541R2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711BRA	3 (10)	JM54AC541BRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711BSA	3 (10)	JM54AC541BSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711S2A	3 (10)	JM54AC541S2A	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711SRA	3 (10)	JM54AC541SRA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75711SSA	3 (10)	JM54AC541SSA	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510/75802B2A	3 (7.5)	JM54AC138B2A	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75802BEA	3 (7.5)	JM54AC138BEA	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75802BFA	3 (7.5)	JM54AC138BFA	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75802S2A	3 (7.5)	JM54AC138S2A	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75802SEA	3 (7.5)	JM54AC138SEA	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75802SFA	3 (7.5)	JM54AC138SFA	DECODER/DEMULPLEXER, 3-TO-8-LINE	National
M38510/75803B2A	3 (9)	JM54AC139B2A	DECODER, DUAL 2-TO-4-LINE	National
M38510/75803BEA	3 (9)	JM54AC139BEA	DECODER, DUAL 2-TO-4-LINE	National
M38510/75803BFA	3 (9)	JM54AC139BFA	DECODER, DUAL 2-TO-4-LINE	National
M38510/75803S2A	3 (9)	JM54AC139S2A	DECODER, DUAL 2-TO-4-LINE	National
M38510/75803SEA	3 (9)	JM54AC139SEA	DECODER, DUAL 2-TO-4-LINE	National
M38510/75803SFA	3 (9)	JM54AC139SFA	DECODER, DUAL 2-TO-4-LINE	National
M38510/76201B2A	2 (3.5)	JM54AC151B2A	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76201BEA	2 (3.5)	JM54AC151BEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76201BFA	2 (3.5)	JM54AC151BFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76201S2A	2 (3.5)	JM54AC151S2A	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76201SEA	2 (3.5)	JM54AC151SEA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76201SFA	2 (3.5)	JM54AC151SFA	DATA SEL/MULTIPLEXER, 8-INPUT	National
M38510/76202B2A	2 (3.25)	JM54AC153B2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76202BEA	2 (3.25)	JM54AC153BEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76202BFA	2 (3.25)	JM54AC153BFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76202S2A	2 (3.25)	JM54AC153S2A	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76202SEA	2 (3.25)	JM54AC153SEA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76202SFA	2 (3.25)	JM54AC153SFA	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
M38510/76203B2A	3 (8)	JM54AC157B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76203BEA	3 (8)	JM54AC157BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76203BFA	3 (8)	JM54AC157BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76203S2A	3 (8)	JM54AC157S2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76203SEA	3 (8)	JM54AC157SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76203SFA	3 (8)	JM54AC157SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
M38510/76207B2A	2 (2.5)	JM54AC257B2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76207BEA	2 (2.5)	JM54AC257BEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76207BFA	2 (2.5)	JM54AC257BFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76207S2A	2 (2.5)	JM54AC257S2A	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76207SEA	2 (2.5)	JM54AC257SEA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76207SFA	2 (2.5)	JM54AC257SFA	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
M38510/76302B2A	3 (8.75)	JM54AC161B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76302BEA	3 (8.75)	JM54AC161BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76302BFA	3 (8.75)	JM54AC161BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76302S2A	3 (8.75)	JM54AC161S2A	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76302SEA	3 (8.75)	JM54AC161SEA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76302SFA	3 (8.75)	JM54AC161SFA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304B2A	2 (3)	JM54AC163B2A	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304BEA	2 (3)	JM54AC163BEA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304BFA	2 (3)	JM54AC163BFA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304S2A	2 (3)	JM54AC163S2A	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304SEA	2 (3)	JM54AC163SEA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76304SFA	2 (3)	JM54AC163SFA	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
M38510/76305B2A	3 (8.5)	JM54AC191B2A	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76305BEA	3 (8.5)	JM54AC191BEA	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76305BFA	3 (8.5)	JM54AC191BFA	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76305S2A	3 (8.5)	JM54AC191S2A	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76305SEA	3 (8.5)	JM54AC191SEA	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76305SFA	3 (8.5)	JM54AC191SFA	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
M38510/76506B2A	3 (9.75)	JM54AC299B2A	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
M38510/76506BRA	3 (9.75)	JM54AC299BRA	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510/76506BSA	3(9.75)	JM54AC299BSA	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
M38510/76506S2A	3(9.75)	JM54AC299S2A	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
M38510/76506SRA	3(9.75)	JM54AC299SRA	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
M38510/76506SSA	3(9.75)	JM54AC299SSA	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
M38510H05051BCA	1(.5)	CD4011BFBH	NAND GATE, QUAD 2-INPUT	Harris
M38510H05051BTC	1(.5)	CD4011BQBH	NAND GATE, QUAD 2-INPUT	Harris
M38510H05051SCA	1(.5)	CD4011BFSH	NAND GATE, QUAD 2-INPUT	Harris
M38510H05051STC	1(.5)	CD4011BQSH	NAND GATE, QUAD 2-INPUT	Harris
M38510H05052BCA	1(.5)	CD4012BFBH	NAND GATE, DUAL 4-INPUT	Harris
M38510H05052BTC	1(.5)	CD4012BQBH	NAND GATE, DUAL 4-INPUT	Harris
M38510H05052SCA	1(.5)	CD4012BFSH	NAND GATE, DUAL 4-INPUT	Harris
M38510H05052STC	1(.5)	CD4012BQSH	NAND GATE, DUAL 4-INPUT	Harris
M38510H05053BCA	1(.5)	CD4023BFBH	NAND GATE, TRIPLE 3-INPUT	Harris
M38510H05053BTC	1(.5)	CD4023BQBH	NAND GATE, TRIPLE 3-INPUT	Harris
M38510H05053SCA	1(.5)	CD4023BFSH	NAND GATE, TRIPLE 3-INPUT	Harris
M38510H05053STC	1(.5)	CD4023BQSH	NAND GATE, TRIPLE 3-INPUT	Harris
M38510H05151BCA	1(1)	CD4013BFBH	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510H05151BTC	1(1)	CD4013BQBH	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510H05151SCA	1(1)	CD4013BFSH	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510H05151STC	1(1)	CD4013BQSH	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510H05152BEA	1(1)	CD4027BFBH	FLIP-FLOP, JK, DUAL	Harris
M38510H05152BNC	1(1)	CD4027BQBH	FLIP-FLOP, JK, DUAL	Harris
M38510H05152SCA	1(1)	CD4027BFSH	FLIP-FLOP, JK, DUAL	Harris
M38510H05152SNC	1(1)	CD4027BQSH	FLIP-FLOP, JK, DUAL	Harris
M38510H05252BCA	1(.5)	CD4001BFBH	NOR GATE, QUAD 2-INPUT	Harris
M38510H05252BTC	1(.5)	CD4001BQBH	NOR GATE, QUAD 2-INPUT	Harris
M38510H05252SCA	1(.5)	CD4001BFSH	NOR GATE, QUAD 2-INPUT	Harris
M38510H05252STC	1(.5)	CD4001BQSH	NOR GATE, QUAD 2-INPUT	Harris
M38510H05253BCA	1(.5)	CD4002BFBH	NOR GATE, DUAL 4-INPUT	Harris
M38510H05253BTC	1(.5)	CD4002BQBH	NOR GATE, DUAL 4-INPUT	Harris
M38510H05253SCA	1(.5)	CD4002BFSH	NOR GATE, DUAL 4-INPUT	Harris
M38510H05253STC	1(.5)	CD4002BQSH	NOR GATE, DUAL 4-INPUT	Harris
M38510H05254BCA	1(.5)	CD4025BFBH	NOR GATE, TRIPLE 3-INPUT	Harris
M38510H05254BTC	1(.5)	CD4025BQBH	NOR GATE, TRIPLE 3-INPUT	Harris
M38510H05254SCA	1(.5)	CD4025BFSH	NOR GATE, TRIPLE 3-INPUT	Harris
M38510H05254STC	1(.5)	CD4025BQSH	NOR GATE, TRIPLE 3-INPUT	Harris
M38510H05351BCA	1(.5)	CD4007UBFBH	COMPLIMENTARY PAIR, DUAL	Harris
M38510H05351BTC	1(.5)	CD4007UBQBH	COMPLIMENTARY PAIR, DUAL	Harris
M38510H05351SCA	1(.5)	CD4007UBFSH	COMPLIMENTARY PAIR, DUAL	Harris
M38510H05351STC	1(.5)	CD4007UBQSH	COMPLIMENTARY PAIR, DUAL	Harris
M38510H05352BEA	1(1)	CD4019BFBH	AND/OR SELECT GATE, QUAD	Harris
M38510H05352BNC	1(1)	CD4019BQBH	AND/OR SELECT GATE, QUAD	Harris
M38510H05352SCA	1(1)	CD4019BFSH	AND/OR SELECT GATE, QUAD	Harris
M38510H05352SNC	1(1)	CD4019BQSH	AND/OR SELECT GATE, QUAD	Harris
M38510H05353BCA	1(1)	CD4030BFBH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510H05353BTC	1(1)	CD4030BQBH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510H05353SCA	1(1)	CD4030BFSH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510H05353STC	1(1)	CD4030BQSH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510H05553BEA	1(1)	CD4049UBFBH	HEX INVERTER BUFFER	Harris
M38510H05553BNC	1(1)	CD4049UBQBH	HEX INVERTER BUFFER	Harris
M38510H05553SCA	1(1)	CD4049UBFSH	HEX INVERTER BUFFER	Harris
M38510H05553SNC	1(1)	CD4049UBQSH	HEX INVERTER BUFFER	Harris
M38510H05554BEA	1(1)	CD4050BFBH	HEX BUFFER, NONINVERTING	Harris
M38510H05554BNC	1(1)	CD4050BQBH	HEX BUFFER, NONINVERTING	Harris
M38510H05554SCA	1(1)	CD4050BFSH	HEX BUFFER, NONINVERTING	Harris
M38510H05554SNC	1(1)	CD4050BQSH	HEX BUFFER, NONINVERTING	Harris
M38510H05651BEA	1(1.5)	CD4017BFBH	DECADE COUNTER	Harris
M38510H05651BNC	1(1.5)	CD4017BQBH	DECADE COUNTER	Harris
M38510H05651SCA	1(1.5)	CD4017BFSH	DECADE COUNTER	Harris
M38510H05651SNC	1(1.5)	CD4017BQSH	DECADE COUNTER	Harris
M38510H05652BEA	1(1.5)	CD4018BFBH	COUNTER, DIVIDE-BY-N	Harris
M38510H05652BNC	1(1.5)	CD4018BQBH	COUNTER, DIVIDE-BY-N	Harris
M38510H05652SCA	1(1.5)	CD4018BFSH	COUNTER, DIVIDE-BY-N	Harris
M38510H05652SNC	1(1.5)	CD4018BQSH	COUNTER, DIVIDE-BY-N	Harris
M38510H05653BEA	1(1.5)	CD4020BFBH	BINARY COUNTER, 14-STAGE	Harris
M38510H05653BNC	1(1.5)	CD4020BQBH	BINARY COUNTER, 14-STAGE	Harris
M38510H05653SCA	1(1.5)	CD4020BFSH	BINARY COUNTER, 14-STAGE	Harris
M38510H05653SNC	1(1.5)	CD4020BQSH	BINARY COUNTER, 14-STAGE	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510H05654BEA	1 (1.5)	CD4022BFBH	COUNTER, DIVIDE-BY-8	Harris
M38510H05654BNC	1 (1.5)	CD4022BQBH	COUNTER, DIVIDE-BY-8	Harris
M38510H05654SEA	1 (1.5)	CD4022BFSH	COUNTER, DIVIDE-BY-8	Harris
M38510H05654SNC	1 (1.5)	CD4022BQSH	COUNTER, DIVIDE-BY-8	Harris
M38510H05655BCA	1 (1.5)	CD4024BFBH	BINARY COUNTER, 7-STAGE	Harris
M38510H05655BTC	1 (1.5)	CD4024BQBH	BINARY COUNTER, 7-STAGE	Harris
M38510H05655SCA	1 (1.5)	CD4024BFSH	BINARY COUNTER, 7-STAGE	Harris
M38510H05655STC	1 (1.5)	CD4024BQSH	BINARY COUNTER, 7-STAGE	Harris
M38510H05752BEA	1 (1.5)	CD4014BFBH	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510H05752BNC	1 (1.5)	CD4014BQBH	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510H05752SEA	1 (1.5)	CD4014BFSH	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510H05752SNC	1 (1.5)	CD4014BQSH	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510H05753BEA	1 (1.5)	CD4015BFBH	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510H05753BNC	1 (1.5)	CD4015BQBH	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510H05753SEA	1 (1.5)	CD4015BFSH	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510H05753SNC	1 (1.5)	CD4015BQSH	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510H05754BEA	1 (1.5)	CD4021BFBH	SHIFT REGISTER, STATIC	Harris
M38510H05754BNC	1 (1.5)	CD4021BQBH	SHIFT REGISTER, STATIC	Harris
M38510H05754SEA	1 (1.5)	CD4021BFSH	SHIFT REGISTER, STATIC	Harris
M38510H05754SNC	1 (1.5)	CD4021BQSH	SHIFT REGISTER, STATIC	Harris
M38510H05852BCA	1 (.5)	CD4066BFBH	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510H05852BTC	1 (.5)	CD4066BQBH	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510H05852SCA	1 (.5)	CD4066BFSH	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510H05852STC	1 (.5)	CD4066BQSH	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510H17001BCA	1 (.5)	CD4081BFBH	AND GATE, QUAD 2-INPUT	Harris
M38510H17001BTC	1 (.5)	CD4081BQBH	AND GATE, QUAD 2-INPUT	Harris
M38510H17001SCA	1 (.5)	CD4081BFSH	AND GATE, QUAD 2-INPUT	Harris
M38510H17001STC	1 (.5)	CD4081BQSH	AND GATE, QUAD 2-INPUT	Harris
M38510H17101BCA	1 (.5)	CD4071BFBH	OR GATE, QUAD 2-INPUT	Harris
M38510H17101BTC	1 (.5)	CD4071BQBH	OR GATE, QUAD 2-INPUT	Harris
M38510H17101SCA	1 (.5)	CD4071BFSH	OR GATE, QUAD 2-INPUT	Harris
M38510H17101STC	1 (.5)	CD4071BQSH	OR GATE, QUAD 2-INPUT	Harris
M38510H17103BCA	1 (.5)	CD4075BFBH	OR GATE, TRIPLE 3-INPUT	Harris
M38510H17103BTC	1 (.5)	CD4075BQBH	OR GATE, TRIPLE 3-INPUT	Harris
M38510H17103SCA	1 (.5)	CD4075BFSH	OR GATE, TRIPLE 3-INPUT	Harris
M38510H17103STC	1 (.5)	CD4075BQSH	OR GATE, TRIPLE 3-INPUT	Harris
M38510H17201BCA	1 (1)	CD4085BFBH	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510H17201BTC	1 (1)	CD4085BQBH	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510H17201SCA	1 (1)	CD4085BFSH	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510H17201STC	1 (1)	CD4085BQSH	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510H17202BCA	1 (1)	CD4086BFBH	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510H17202BTC	1 (1)	CD4086BQBH	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510H17202SCA	1 (1)	CD4086BFSH	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510H17202STC	1 (1)	CD4086BQSH	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510H17203BCA	1 (1)	CD4070BFBH	EXCLUSIVE-OR GATE, QUAD	Harris
M38510H17203BTC	1 (1)	CD4070BQBH	EXCLUSIVE-OR GATE, QUAD	Harris
M38510H17203SCA	1 (1)	CD4070BFSH	EXCLUSIVE-OR GATE, QUAD	Harris
M38510H17203STC	1 (1)	CD4070BQSH	EXCLUSIVE-OR GATE, QUAD	Harris
M38510H17401BCA	1 (.5)	CD4069UBFBH	HEX INVERTER	Harris
M38510H17401BTC	1 (.5)	CD4069UBQBH	HEX INVERTER	Harris
M38510H17401SCA	1 (.5)	CD4069UBFSH	HEX INVERTER	Harris
M38510H17401STC	1 (.5)	CD4069UBQSH	HEX INVERTER	Harris
M38510H60514B4A	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60514BMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60514S4A	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60514SMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614B4A	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614BMA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614BNA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614BYA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614S4A	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614SMA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614SNA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60614SYA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60617B5A	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617B5C	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617BZA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617BZC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617S5A	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617S5C	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617SZA	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60617SZC	1 (0)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510H60714BMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60714BNA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60714BTA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60714SMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60714SNA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60714STA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
M38510H60717B4C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717B5C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717B6C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717BMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717BMC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717BTA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717BTC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717S4C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717S5C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717S6C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717SMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717SMC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717STA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60717STC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
M38510H60814BMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60814BYA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60814BZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60814SMA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60814SYA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60814SZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817B7A	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817B7C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817BZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817BZC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817S7A	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817S7C	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817SZA	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510H60817SZC	1 (1)	GATE ARRAY	GATE ARRAY, SEMICUSTOM	UTMC
M38510R05051BCA	1 (.5)	CD4011BFBR	NAND GATE, QUAD 2-INPUT	Harris
M38510R05051BTC	1 (.5)	CD4011BQBR	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510R05051SCA	1 (.5)	CD4011BFSR	NAND GATE, QUAD 2-INPUT	Harris
M38510R05051STC	1 (.5)	CD4011BQSR	NAND GATE, QUAD 2-INPUT	Harris
M38510R05052BCA	1 (.5)	CD4012BFBR	NAND GATE, DUAL 4-INPUT	Harris
M38510R05052BTC	1 (.5)	CD4012BQBR	NAND GATE, DUAL 4-INPUT	Harris
M38510R05052SCA	1 (.5)	CD4012BFSR	NAND GATE, DUAL 4-INPUT	Harris
M38510R05052STC	1 (.5)	CD4012BQSR	NAND GATE, DUAL 4-INPUT	Harris
M38510R05053BCA	1 (.5)	CD4023BFBR	NAND GATE, TRIPLE 3-INPUT	Harris
M38510R05053BTC	1 (.5)	CD4023BQBR	NAND GATE, TRIPLE 3-INPUT	Harris
M38510R05053SCA	1 (.5)	CD4023BFSR	NAND GATE, TRIPLE 3-INPUT	Harris
M38510R05053STC	1 (.5)	CD4023BQSR	NAND GATE, TRIPLE 3-INPUT	Harris
M38510R05151BCA	1 (1)	CD4013BFBR	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510R05151BTC	1 (1)	CD4013BQBR	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510R05151SCA	1 (1)	CD4013BFSR	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510R05151STC	1 (1)	CD4013BQSR	FLIP-FLOP, D-TYPE, DUAL	Harris
M38510R05152BEA	1 (1)	CD4027BFBR	FLIP-FLOP, JK, DUAL	Harris
M38510R05152BNC	1 (1)	CD4027BQBR	FLIP-FLOP, JK, DUAL	Harris
M38510R05152SEA	1 (1)	CD4027BFSR	FLIP-FLOP, JK, DUAL	Harris
M38510R05152SNC	1 (1)	CD4027BQSR	FLIP-FLOP, JK, DUAL	Harris
M38510R05252BCA	1 (.5)	CD4001BFBR	NOR GATE, QUAD 2-INPUT	Harris
M38510R05252BTC	1 (.5)	CD4001BQBR	NOR GATE, QUAD 2-INPUT	Harris
M38510R05252SCA	1 (.5)	CD4001BFSR	NOR GATE, QUAD 2-INPUT	Harris
M38510R05252STC	1 (.5)	CD4001BQSR	NOR GATE, QUAD 2-INPUT	Harris
M38510R05253BCA	1 (.5)	CD4002BFBR	NOR GATE, DUAL 4-INPUT	Harris
M38510R05253BTC	1 (.5)	CD4002BQBR	NOR GATE, DUAL 4-INPUT	Harris
M38510R05253SCA	1 (.5)	CD4002BFSR	NOR GATE, DUAL 4-INPUT	Harris
M38510R05253STC	1 (.5)	CD4002BQSR	NOR GATE, DUAL 4-INPUT	Harris
M38510R05254BCA	1 (.5)	CD4025BFBR	NOR GATE, TRIPLE 3-INPUT	Harris
M38510R05254BT	1 (.5)	CD4025BQBR	NOR GATE, TRIPLE 3-INPUT	Harris
M38510R05254SCA	1 (.5)	CD4025BFSR	NOR GATE, TRIPLE 3-INPUT	Harris
M38510R05254STC	1 (.5)	CD4025BQSR	NOR GATE, TRIPLE 3-INPUT	Harris
M38510R05351BCA	1 (.5)	CD4007UBFBR	COMPLIMENTARY PAIR, DUAL	Harris
M38510R05351BTC	1 (.5)	CD4007UBQBR	COMPLIMENTARY PAIR, DUAL	Harris
M38510R05351SCA	1 (.5)	CD4007UBFSR	COMPLIMENTARY PAIR, DUAL	Harris
M38510R05351STC	1 (.5)	CD4007UBQSR	COMPLIMENTARY PAIR, DUAL	Harris
M38510R05352BEA	1 (1)	CD4019BFBR	AND/OR SELECT GATE, QUAD	Harris
M38510R05352BNC	1 (1)	CD4019BQBR	AND/OR SELECT GATE, QUAD	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510R05352SEA	1 (1)	CD4019BFSR	AND/OR SELECT GATE, QUAD	Harris
M38510R05352SNC	1 (1)	CD4019BQSR	AND/OR SELECT GATE, QUAD	Harris
M38510R05353BCA	1 (1)	CD4030BFBR	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510R05353BTC	1 (1)	CD4030BQBR	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510R05353SCA	1 (1)	CD4030BFSR	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510R05353STC	1 (1)	CD4030BQSR	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
M38510R05451BEA	1 (1.5)	CD4008BFBR	ADDER, 4-BIT FULL	Harris
M38510R05451BNC	1 (1.5)	CD4008BQBR	ADDER, 4-BIT FULL	Harris
M38510R05451SEA	1 (1.5)	CD4008BFSR	ADDER, 4-BIT FULL	Harris
M38510R05451SNC	1 (1.5)	CD4008BQSR	ADDER, 4-BIT FULL	Harris
M38510R05553BEA	1 (1)	CD4049UBFBR	HEX INVERTER BUFFER	Harris
M38510R05553BNC	1 (1)	CD4049UBQBR	HEX INVERTER BUFFER	Harris
M38510R05553SEA	1 (1)	CD4049UBFSR	HEX INVERTER BUFFER	Harris
M38510R05553SNC	1 (1)	CD4049UBQSR	HEX INVERTER BUFFER	Harris
M38510R05554BEA	1 (1)	CD4050BFBR	HEX BUFFER, NONINVERTING	Harris
M38510R05554BNC	1 (1)	CD4050BQBR	HEX BUFFER, NONINVERTING	Harris
M38510R05554SEA	1 (1)	CD4050BFSR	HEX BUFFER, NONINVERTING	Harris
M38510R05554SNC	1 (1)	CD4050BQSR	HEX BUFFER, NONINVERTING	Harris
M38510R05555BCA	1 (1)	CD4041UBFBR	TRUE/COMPLIMENT BUFFER, QUAD	Harris
M38510R05555BTC	1 (1)	CD4041UBQBR	TRUE/COMPLIMENT BUFFER, QUAD	Harris
M38510R05555SCA	1 (1)	CD4041UBFSR	TRUE/COMPLIMENT BUFFER, QUAD	Harris
M38510R05555STC	1 (1)	CD4041UBQSR	TRUE/COMPLIMENT BUFFER, QUAD	Harris
M38510R05651BEA	1 (1.5)	CD4017BFBR	DECADE COUNTER	Harris
M38510R05651BNC	1 (1.5)	CD4017BQBR	DECADE COUNTER	Harris
M38510R05651SEA	1 (1.5)	CD4017BFSR	DECADE COUNTER	Harris
M38510R05651SNC	1 (1.5)	CD4017BQSR	DECADE COUNTER	Harris
M38510R05652BEA	1 (1.5)	CD4018BFBR	COUNTER, DIVIDE-BY-N	Harris
M38510R05652BNC	1 (1.5)	CD4018BQBR	COUNTER, DIVIDE-BY-N	Harris
M38510R05652SEA	1 (1.5)	CD4018BFSR	COUNTER, DIVIDE-BY-N	Harris
M38510R05652SNC	1 (1.5)	CD4018BQSR	COUNTER, DIVIDE-BY-N	Harris
M38510R05653BEA	1 (1.5)	CD4020BFBR	BINARY COUNTER, 14-STAGE	Harris
M38510R05653BNC	1 (1.5)	CD4020BQBR	BINARY COUNTER, 14-STAGE	Harris
M38510R05653SEA	1 (1.5)	CD4020BFSR	BINARY COUNTER, 14-STAGE	Harris
M38510R05653SNC	1 (1.5)	CD4020BQSR	BINARY COUNTER, 14-STAGE	Harris
M38510R05654BEA	1 (1.5)	CD4022BFBR	COUNTER, DIVIDE-BY-8	Harris
M38510R05654BNC	1 (1.5)	CD4022BQBR	COUNTER, DIVIDE-BY-8	Harris
M38510R05654SEA	1 (1.5)	CD4022BFSR	COUNTER, DIVIDE-BY-8	Harris
M38510R05654SNC	1 (1.5)	CD4022BQSR	COUNTER, DIVIDE-BY-8	Harris
M38510R05655BCA	1 (1.5)	CD4024BFBR	BINARY COUNTER, 7-STAGE	Harris
M38510R05655BTC	1 (1.5)	CD4024BQBR	BINARY COUNTER, 7-STAGE	Harris
M38510R05655SCA	1 (1.5)	CD4024BFSR	BINARY COUNTER, 7-STAGE	Harris
M38510R05655STC	1 (1.5)	CD4024BQSR	BINARY COUNTER, 7-STAGE	Harris
M38510R05752BEA	1 (1.5)	CD4014BFBR	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510R05752BNC	1 (1.5)	CD4014BQBR	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510R05752SEA	1 (1.5)	CD4014BFSR	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510R05752SNC	1 (1.5)	CD4014BQSR	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
M38510R05753BEA	1 (1.5)	CD4015BFBR	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510R05753BNC	1 (1.5)	CD4015BQBR	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510R05753SEA	1 (1.5)	CD4015BFSR	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510R05753SNC	1 (1.5)	CD4015BQSR	SHIFT REGISTER, DUAL 4-STAGE	Harris
M38510R05754BEA	1 (1.5)	CD4021BFBR	SHIFT REGISTER, STATIC	Harris
M38510R05754BNC	1 (1.5)	CD4021BQBR	SHIFT REGISTER, STATIC	Harris
M38510R05754SEA	1 (1.5)	CD4021BFSR	SHIFT REGISTER, STATIC	Harris
M38510R05754SNC	1 (1.5)	CD4021BQSR	SHIFT REGISTER, STATIC	Harris
M38510R05852BCA	1 (.5)	CD4066BFBR	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510R05852BTC	1 (.5)	CD4066BQBR	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510R05852SCA	1 (.5)	CD4066BFSR	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510R05852STC	1 (.5)	CD4066BQSR	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
M38510R05951BEA	1 (1.5)	CD4028BFBR	DECODER, BCD-TO-DECIMAL	Harris
M38510R05951BNC	1 (1.5)	CD4028BQBR	DECODER, BCD-TO-DECIMAL	Harris
M38510R05951SEA	1 (1.5)	CD4028BFSR	DECODER, BCD-TO-DECIMAL	Harris
M38510R05951SNC	1 (1.5)	CD4028BQSR	DECODER, BCD-TO-DECIMAL	Harris
M38510R17001BCA	1 (.5)	CD4081BFBR	AND GATE, QUAD 2-INPUT	Harris
M38510R17001BTC	1 (.5)	CD4081BQBR	AND GATE, QUAD 2-INPUT	Harris
M38510R17001SCA	1 (.5)	CD4081BFSR	AND GATE, QUAD 2-INPUT	Harris
M38510R17001STC	1 (.5)	CD4081BQSR	AND GATE, QUAD 2-INPUT	Harris
M38510R17002BCA	1 (.5)	CD4082BFBR	AND GATE, DUAL 4-INPUT	Harris
M38510R17002BTC	1 (.5)	CD4082BQBR	AND GATE, DUAL 4-INPUT	Harris
M38510R17003BCA	1 (.5)	CD4073BFBR	AND GATE, TRIPLE 3-INPUT	Harris
M38510R17003BTC	1 (.5)	CD4073BQBR	AND GATE, TRIPLE 3-INPUT	Harris
M38510R17101BCA	1 (.5)	CD4071BFBR	OR GATE, QUAD 2-INPUT	Harris
M38510R17101BTC	1 (.5)	CD4071BQBR	OR GATE, QUAD 2-INPUT	Harris

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510R17101SCA	1 (.5)	CD4071BFSR	OR GATE, QUAD 2-INPUT	Harris
M38510R17101STC	1 (.5)	CD4071BQSR	OR GATE, QUAD 2-INPUT	Harris
M38510R17102BCA	1 (.5)	CD4072BFBR	OR GATE, DUAL 4-INPUT	Harris
M38510R17102BTC	1 (.5)	CD4072BQBR	OR GATE, DUAL 4-INPUT	Harris
M38510R17103BCA	1 (.5)	CD4075BFBR	OR GATE, TRIPLE 3-INPUT	Harris
M38510R17103BTC	1 (.5)	CD4075BQBR	OR GATE, TRIPLE 3-INPUT	Harris
M38510R17103SCA	1 (.5)	CD4075BFSR	OR GATE, TRIPLE 3-INPUT	Harris
M38510R17103STC	1 (.5)	CD4075BQSR	OR GATE, TRIPLE 3-INPUT	Harris
M38510R17201BCA	1 (1)	CD4085BFBR	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510R17201BTC	1 (1)	CD4085BQBR	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510R17201SCA	1 (1)	CD4085BFSR	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510R17201STC	1 (1)	CD4085BQSR	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
M38510R17202BCA	1 (1)	CD4086BFBR	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510R17202BTC	1 (1)	CD4086BQBR	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510R17202SCA	1 (1)	CD4086BFSR	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510R17202STC	1 (1)	CD4086BQSR	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
M38510R17203BCA	1 (1)	CD4070BFBR	EXCLUSIVE-OR GATE, QUAD	Harris
M38510R17203BTC	1 (1)	CD4070BQBR	EXCLUSIVE-OR GATE, QUAD	Harris
M38510R17203SCA	1 (1)	CD4070BFSR	EXCLUSIVE-OR GATE, QUAD	Harris
M38510R17203STC	1 (1)	CD4070BQSR	EXCLUSIVE-OR GATE, QUAD	Harris
M38510R17204BCA	1 (1)	CD4077BFBR	EXCLUSIVE-NOR GATE, QUAD	Harris
M38510R17204BTC	1 (1)	CD4077BQBR	EXCLUSIVE-NOR GATE, QUAD	Harris
M38510R17401BCA	1 (.5)	CD4069UBFBR	HEX INVERTER	Harris
M38510R17401BTC	1 (.5)	CD4069UBQBR	HEX INVERTER	Harris
M38510R17401SCA	1 (.5)	CD4069UBFSR	HEX INVERTER	Harris
M38510R17401STC	1 (.5)	CD4069UBQSR	HEX INVERTER	Harris
M38510R17403BEA	1 (1)	CD4502BFBR	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
M38510R17403BNC	1 (1)	CD4502BQBR	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
M38510R17403SEA	1 (1)	CD4502BFSR	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
M38510R17403SNC	1 (1)	CD4502BQSR	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
M38510R17504BEA	1 (1)	CD4098BFBR	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
M38510R17504BNC	1 (1)	CD4098BQBR	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
M38510R17601BEA	1 (1.5)	CD4099BFBR	LATCH, 8-BIT ADDRESSABLE	Harris
M38510R17601BNC	1 (1.5)	CD4099BQBR	LATCH, 8-BIT ADDRESSABLE	Harris
M38510R75001BCA	3 (4)	JMS4AC00BCA-RH	NAND GATE, QUAD 2-INPUT	National
M38510R75001BDA	3 (4)	JMS4AC00BDA-RH	NAND GATE, QUAD 2-INPUT	National
M38510R75001SCA	3 (4)	JMS4AC00SCA-RH	NAND GATE, QUAD 2-INPUT	National
M38510R75001SDA	3 (4)	JMS4AC00SDA-RH	NAND GATE, QUAD 2-INPUT	National
M38510R75002BCA	3 (7.25)	JMS4AC10BCA-RH	NAND GATE, TRIPLE 3-INPUT	National
M38510R75002BDA	3 (7.25)	JMS4AC10BDA-RH	NAND GATE, TRIPLE 3-INPUT	National
M38510R75002SCA	3 (7.25)	JMS4AC10SCA-RH	NAND GATE, TRIPLE 3-INPUT	National
M38510R75002SDA	3 (7.25)	JMS4AC10SDA-RH	NAND GATE, TRIPLE 3-INPUT	National
M38510R75003BCA	2 (3)	JMS4AC20BCA-RH	NAND GATE, DUAL 4-INPUT	National
M38510R75003BDA	2 (3)	JMS4AC20BDA-RH	NAND GATE, DUAL 4-INPUT	National
M38510R75003SCA	2 (3)	JMS4AC20SCA-RH	NAND GATE, DUAL 4-INPUT	National
M38510R75003SDA	2 (3)	JMS4AC20SDA-RH	NAND GATE, DUAL 4-INPUT	National
M38510R75101BCA	2 (2.75)	JMS4AC02BCA-RH	NOR GATE, QUAD 2-INPUT	National
M38510R75101BDA	2 (2.75)	JMS4AC02BDA-RH	NOR GATE, QUAD 2-INPUT	National
M38510R75101SCA	2 (2.75)	JMS4AC02SCA-RH	NOR GATE, QUAD 2-INPUT	National
M38510R75101SDA	2 (2.75)	JMS4AC02SDA-RH	NOR GATE, QUAD 2-INPUT	National
M38510R75201BCA	3 (10)	JMS4AC32BCA-RH	OR GATE, QUAD 2-INPUT	National
M38510R75201BDA	3 (10)	JMS4AC32BDA-RH	OR GATE, QUAD 2-INPUT	National
M38510R75201SCA	3 (10)	JMS4AC32SCA-RH	OR GATE, QUAD 2-INPUT	National
M38510R75201SDA	3 (10)	JMS4AC32SDA-RH	OR GATE, QUAD 2-INPUT	National
M38510R75202BCA	2 (2.75)	JMS4AC86BCA-RH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510R75202BDA	2 (2.75)	JMS4AC86BDA-RH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510R75202SCA	2 (2.75)	JMS4AC86SCA-RH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510R75202SDA	2 (2.75)	JMS4AC86SDA-RH	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
M38510R75203BCA	3 (9.75)	JMS4AC08BCA-RH	AND GATE, QUAD 2-INPUT	National
M38510R75203BDA	3 (9.75)	JMS4AC08BDA-RH	AND GATE, QUAD 2-INPUT	National
M38510R75203SCA	3 (9.75)	JMS4AC08SCA-RH	AND GATE, QUAD 2-INPUT	National
M38510R75203SDA	3 (9.75)	JMS4AC08SDA-RH	AND GATE, QUAD 2-INPUT	National
M38510R75204BCA	3 (10)	JMS4AC11BCA-RH	AND GATE, TRIPLE 3-INPUT	National
M38510R75204BDA	3 (10)	JMS4AC11BDA-RH	AND GATE, TRIPLE 3-INPUT	National
M38510R75204SCA	3 (10)	JMS4AC11SCA-RH	AND GATE, TRIPLE 3-INPUT	National
M38510R75204SDA	3 (10)	JMS4AC11SDA-RH	AND GATE, TRIPLE 3-INPUT	National
M38510R75302BCA	3 (10)	JMS4AC74BCA-RH	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National

TABLE I
APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/	SOURCE(S)
M38510R75302BDA	3 (10)	JM54AC74BDA-RH	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75302SCA	3 (10)	JM54AC74SCA-RH	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75302SDA	3 (10)	JM54AC74SDA-RH	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75304B2A	3 (5.25)	JM54AC109B2A-RH	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75304SEA	3 (5.25)	JM54AC109SEA-RH	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75304SFA	3 (5.25)	JM54AC109SFA-RH	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
M38510R75307BEA	3 (8.75)	JM54AC174BEA-RH	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510R75307BFA	3 (8.75)	JM54AC174BFA-RH	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510R75307SEA	3 (8.75)	JM54AC174SEA-RH	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510R75307SFA	3 (8.75)	JM54AC174SFA-RH	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
M38510R75403BRA	3 (6.25)	JM54AC373BRA-RH	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510R75403BSA	3 (6.25)	JM54AC373BSA-RH	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510R75403SRA	3 (6.25)	JM54AC373SRA-RH	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510R75403SSA	3 (6.25)	JM54AC373SSA-RH	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
M38510R75503BRA	3 (10)	JM54AC245BRA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510R75503BSA	3 (10)	JM54AC245BSA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510R75503SRA	3 (10)	JM54AC245SRA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510R75503SSA	3 (10)	JM54AC245SSA-RH	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
M38510R75701BCA	3 (9.25)	JM54AC04BCA-RH	HEX INVERTER	National
M38510R75701BDA	3 (9.25)	JM54AC04BDA-RH	HEX INVERTER	National
M38510R75701SCA	3 (9.25)	JM54AC04SCA-RH	HEX INVERTER	National
M38510R75701SDA	3 (9.25)	JM54AC04SDA-RH	HEX INVERTER	National
M38510R75702BCA	3 (10)	JM54AC14BCA-RH	HEX INVERTER, SCHMITT TRIGGER	National
M38510R75702BDA	3 (10)	JM54AC14BDA-RH	HEX INVERTER, SCHMITT TRIGGER	National
M38510R75702SCA	3 (10)	JM54AC14SCA-RH	HEX INVERTER, SCHMITT TRIGGER	National
M38510R75702SDA	3 (10)	JM54AC14SDA-RH	HEX INVERTER, SCHMITT TRIGGER	National
M38510R75703BRA	3 (9.75)	JM54AC240BRA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510R75703SRA	3 (9.75)	JM54AC240SRA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510R75703SSA	3 (9.75)	JM54AC240SSA-RH	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
M38510R75704BRA	3 (7.5)	JM54AC241BRA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75704BSA	3 (7.5)	JM54AC241BSA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75704SRA	3 (7.5)	JM54AC241SRA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75704SSA	3 (7.5)	JM54AC241SSA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75705BRA	3 (10)	JM54AC244BRA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75705BSA	3 (10)	JM54AC244BSA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75705SRA	3 (10)	JM54AC244SRA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75705SSA	3 (10)	JM54AC244SSA-RH	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
M38510R75802BEA	3 (7.5)	JM54AC138BEA-RH	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
M38510R75802BFA	3 (7.5)	JM54AC138BFA-RH	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
M38510R75802SEA	3 (7.5)	JM54AC138SEA-RH	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
M38510R75802SFA	3 (7.5)	JM54AC138SFA-RH	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
M38510R75803BEA	3 (9)	JM54AC139BEA-RH	DECODER, DUAL 2-TO-4-LINE	National
M38510R75803BFA	3 (9)	JM54AC139BFA-RH	DECODER, DUAL 2-TO-4-LINE	National
M38510R75803SEA	3 (9)	JM54AC139SEA-RH	DECODER, DUAL 2-TO-4-LINE	National
M38510R75803SFA	3 (9)	JM54AC139SFA-RH	DECODER, DUAL 2-TO-4-LINE	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
	M38510/07401BDA	1 (1)	AND-OR-INVERT GATE, DUAL 2-WIDE	Landsdale (QPL)
100301DMQB	5962-9152801MXA	1 (0)	OR/NOR GATE, TRIPLE 5-INPUT	National
100301FMQB	5962-9152801MYA	2	OR/NOR GATE, TRIPLE 5-INPUT	National
100302DMQB	5962-9152802MXA	1 (0)	OR/NOR GATE, QUINT 2-INPUT	National
100302FMQB	5962-9152802MYA	1 (0)	OR/NOR GATE, QUINT 2-INPUT	National
100304DMQB	5962-9153701MXA	1 (0)	AND/NAND GATE, QUINT	National
100304FMQB	5962-9153701MYA	1 (0)	AND/NAND GATE, QUINT	National
100307DMQB	5962-9459001MXA	3	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
100307FMQB	5962-9459001MYA	3	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
100307FMQB	5962-9459001MYA	3	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
100307FMQB	5962-9459001MYA	3	EXCLUSIVE OR/NOR GATE, QUINT, LOW-POWER	National
100314DMQB	5962-9162901MXA	3	LINE RECEIVER, QUINT DIFFERENTIAL	National
100314FMQB	5962-9162901MYA	3	LINE RECEIVER, QUINT DIFFERENTIAL	National
100315FMQB	5962-9469601MFA	2	CLOCK DRIVER, QUAD, LOW-SKEW	National
100324DMQB	5962-9153001MXA	2	HEX TRANSLATOR, TTL-TO-ECL	National
100324FMQB	5962-9153001MYA	2	HEX TRANSLATOR, TTL-TO-ECL	National
100325DMQB	5962-9153101MXA	1 (0)	TRANSLATOR, HEX ECL-TO-TTL	National
100325FMQB	5962-9153101MYA	1 (0)	TRANSLATOR, HEX ECL-TO-TTL	National
100329DMQB	5962-9206601MXA	1	ECL/TTL TRANSLATOR, OCTAL BI-DIRECTIONAL, WITH REGISTER	National
100329FMQB	5962-9206601MYA	1	ECL/TTL TRANSLATOR, OCTAL BI-DIRECTIONAL, WITH REGISTER	National
100331DMQB	5962-9153601MXA	1 (0)	FLIP-FLOP, D-TYPE, TRIPLE	National
100331FMQB	5962-9153601MYA	1 (0)	FLIP-FLOP, D-TYPE, TRIPLE	National
100336DMQB	5962-9230601MXA	2	COUNTER/SHIFT REGISTER, 4-STAGE	National
100336FMQB	5962-9230601MYA	2	COUNTER/SHIFT REGISTER, 4-STAGE	National
100341DMQB	5962-9459101MXA	3	SHIFT REGISTER, 8-BIT, LOW-POWER	National
100341FMQB	5962-9459101MYA	3	SHIFT REGISTER, 8-BIT, LOW-POWER	National
100351DMQB	5962-9457901MXA	3	FLIP-FLOP, TYPE-D, HEX, LOW-POWER	National
100351FMQB	5962-9457901MYA	3	FLIP-FLOP, TYPE-D, HEX, LOW-POWER	National
100355DMQB	5962-9165401MXA	1 (0)	MULTIPLEXER/LATCH, QUAD 2-INPUT	National
100355FMQB	5962-9165401MYA	1 (0)	MULTIPLEXER/LATCH, QUAD 2-INPUT	National
100363DMQB	5962-9165501MXA	3	MULTIPLEXER, DUAL 8-INPUT	National
100363FMQB	5962-9165501MYA	3	MULTIPLEXER, DUAL 8-INPUT	National
100364DMQB	5962-9459201MXA	3	MULTIPLEXER, 16-INPUT, LOW-POWER	National
100364FMQB	5962-9459201MYA	3	MULTIPLEXER, 16-INPUT, LOW-POWER	National
100E416/BYAJC	5962-9309802MYA	1	BINARY COUNTER, 8-BIT SYNCHRONOUS UP, TEMPERATURE COMPENSATED	Motorola
100E501/BYAJC	5962-9309902MYA	1	OR/NOR GATE, QUAD 4-INPUT, TEMPERATURE-COMPENSATED	Motorola
100E504/BYAJC	5962-9310002MYA	1	AND/NAND GATE, QUINT 2-INPUT, TEMPERATURE-COMPENSATED	Motorola
100E507/BYAJC	5962-9310102MYA	1	EXCLUSIVE-OR/EXCLUSIVE-NOR GATE, QUINT 2-INPUT, TEMPERATURE-COMPENSATED	Motorola
100E511/BYAJC	5962-9232702MYA	1	CLOCK DRIVER, 1-TO-9-DIFFERENTIAL, TEMPERATURE COMPENSATED	Motorola
100E516/BYAJC	5962-9234302MYA	1	LINE RECEIVER, QUANT DIFFERENTIAL, TEMPERATURE COMPENSATED	Motorola
100E531/BYAJC	5962-9310202MYA	1	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
100E551/BYAJC	5962-9310402MYA	1	REGISTER, D TYPE, 6 BIT, TEMPERATURE COMPENSATED	Motorola
100H1042/BYAJC	5962-9207502MYA	1 (0)	CLOCK DRIVER, 68030/40 ECL/TTL, TEMPERATURE COMPENSATED	Motorola
101AFJAN	M38510/10103BHA	1	OP AMP, GENERAL PURPOSE	Linfinity
101ATJAN	M38510/10103BGA	1	OP AMP, GENERAL PURPOSE	Linfinity
103-1.8Z	7702801XA	3	VOLT. REFERENCE, 1.8V	Linfinity
103-2.7Z	7702805XA	3	VOLT. REFERENCE, 2.7V	Linfinity
103-4.7Z	7702811XA	3	VOLT. REFERENCE, 4.7V	Linfinity
10501/BEAJC	M38510/06001BEA	1 (0)	OR/NOR GATE, QUAD 2-INPUT	Motorola
10501/BFAJC	M38510/06001BFA	1 (0)	OR/NOR GATE, QUAD 2-INPUT	Motorola
10501M/B2AJC	M38510/06001B2A	1 (0)	OR/NOR GATE, QUAD 2-INPUT	Motorola
10502/BEAJC	M38510/06002BEA	1 (0)	NOR-OR/NOR GATE	Motorola
10502/BFAJC	M38510/06002BFA	1 (0)	NOR-OR/NOR GATE	Motorola
10502M/B2AJC	M38510/06002B2A	1 (0)	NOR-OR/NOR GATE	Motorola
10504/BEAJC	M38510/06201BEA	2 (2)	AND/NAND GATE, QUAD 2-INPUT	Motorola
10504/BFAJC	M38510/06201BFA	2 (2)	AND/NAND GATE, QUAD 2-INPUT	Motorola
10504M/B2AJC	M38510/06201B2A	2 (2)	AND/NAND GATE, QUAD 2-INPUT	Motorola
10505/BEAJC	M38510/06003BEA	1 (0)	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10505/BFAJC	M38510/06003BFA	1 (0)	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10505M/B2AJC	M38510/06003B2A	1 (0)	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10506/BEAJC	M38510/06004BEA	1 (0)	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola
10506/BFAJC	M38510/06004BFA	1 (0)	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola
10506M/B2AJC	M38510/06004B2A	1 (0)	NOR GATE, TRIPLE 3-4-3 INPUT	Motorola
10507/BEAJC	M38510/06005BEA	1 (0)	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10507/BFAJC	M38510/06005BFA	1 (0)	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10507M/B2AJC	M38510/06005B2A	1 (0)	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10509/BEAJC	M38510/06006BEA	1 (0)	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10509/BFAJC	M38510/06006BFA	1 (0)	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10509M/B2AJC	M38510/06006B2A	1 (0)	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10516/BEAJC	7800901EA	1	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola
10516/BFAJC	7800901FA	1	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
10516M/B2AJC	78009012A	1	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	Motorola
10521/BEAJC	5962-8857701EA	1	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
10521/BFAJC	5962-8857701FA	1	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
10521M/B2AJC	5962-88577012A	1	OR-AND/OR-AND-INVERT GATE, 3-INPUT	Motorola
10524/BEAJC	M38510/06301BEA	1(0)	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
10524/BFAJC	M38510/06301BFA	1(0)	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
10524M/B2AJC	M38510/06301B2A	1(0)	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	Motorola
10525/BEAJC	M38510/06302BEA	1(0)	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
10525/BFAJC	M38510/06302BFA	1(0)	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
10525M/B2AJC	M38510/06302B2A	1(0)	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	Motorola
10531/BEAJC	M38510/06101BEA	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
10531/BFAJC	M38510/06101BFA	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
10531M/B2AJC	M38510/06101B2A	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
10535/BEAJC	M38510/06104BEA	1(0)	FLIP-FLOP, JK, DUAL	Motorola
10535/BFAJC	M38510/06104BFA	1(0)	FLIP-FLOP, JK, DUAL	Motorola
10535M/B2AJC	M38510/06104B2A	1(0)	FLIP-FLOP, JK, DUAL	Motorola
10538/BEAJC	5962-9093501EA	1	BI-QUINARY COUNTER	Motorola
10538/BFAJC	5962-9093501FA	1	BI-QUINARY COUNTER	Motorola
10538M/B2AJC	5962-90935012A	1	BI-QUINARY COUNTER	Motorola
10541/BEAJC	5962-8855701EA	1	SHIFT REGISTER, UNIVERSAL	Motorola
10541/BFAJC	5962-8855701FA	1	SHIFT REGISTER, UNIVERSAL	Motorola
10541M/B2AJC	5962-88557012A	1	SHIFT REGISTER, UNIVERSAL	Motorola
10545/BEAJC	5962-8856001EA	1	STATIC RAM, 16 X 4, 15 NS ACCESS TIME	Motorola
10545/BFAJC	5962-8856001FA	1	STATIC RAM, 16 X 4, 15 NS ACCESS TIME	Motorola
10558/BEAJC	5962-8779201EA	1	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10558/BFAJC	5962-8779201FA	1	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10558M/B2AJC	5962-87792012A	1	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10564/BEAJC	5962-8852701EA	1	MULTIPLEXER, 8-INPUT	Motorola
10564/BFAJC	5962-8852701FA	1	MULTIPLEXER, 8-INPUT	Motorola
10564M/B2AJC	5962-88527012A	1	MULTIPLEXER, 8-INPUT	Motorola
10565/BEAJC	5962-9056101MEA	1	PRIORITY ENCODER, 8-INPUT	Motorola
10565/BFAJC	5962-9056101MFA	1	PRIORITY ENCODER, 8-INPUT	Motorola
10565M/B2AJC	5962-9056101M2A	1	PRIORITY ENCODER, 8-INPUT	Motorola
1056A2	5962-92A0201QYX	1	MICROCONTROLLER, COMMON	AT & T
1056B2	5962-92A0301QYX	1	ASIC, CONTROL BUS INTERFACE/FUNCTIONAL BUILT-IN TEST	AT & T
1056C	5962-92A0401QYX	1	INPUT/OUTPUT PORT, PARALLEL	AT & T
1056D2	5962-92A0501QYX	1	MEMORY CONTROLLER, BULK	AT & T
1056E	5962-92A0601QYX	1	OPERAND MEMORY	AT & T
1056F	5962-92A0701QYX	1	OPERAND MEMORY, DUAL MULTIPLEXER	AT & T
1056G	5962-92A0801QYX	1	CACHE/BUS CONTROLLER	AT & T
1056H2	5962-92A0901QYX	1	PROTEUS DIGITAL CHANNEL	AT & T
1056J	5962-92A1001QYX	1	ARITHMETIC UNIT, ISC	AT & T
1056K	5962-92A1101QYA	1	CHANNEL PROCESSOR INFORMATION, ASIC	AT & T
1056L	5962-92A1201QYA	1	ASIC, INPUT CONTROLLER	AT & T
1056S	5962-92A1401QYA	1	MEMORY CONTROLLER, DUAL PORT	AT & T
1056T	5962-92A1301QYA	1	HIGH-SPEED CHANNEL, ASIC	AT & T
1056U	5962-92A1601QYA	1	LOW LEVEL SERIAL, ASIC	AT & T
1056W	5962-92A1501QYA	1	DMA CONTROLLER	AT & T
10576/BEAJC	M38510/06103BEA	1(0)	FLIP-FLOP, D-TYPE, HEX	Motorola
10576/BFAJC	M38510/06103BFA	1(0)	FLIP-FLOP, D-TYPE, HEX	Motorola
10576M/B2AJC	M38510/06103B2A	1(0)	FLIP-FLOP, D-TYPE, HEX	Motorola
1057A	5962-92A1701QYX	1	SWITCH, ASIC	AT & T
1057C	5962-92A1801QYX	1	SEQUENCER, ASIC	AT & T
1057D	5962-92A1901QYX	1	ERROR DETECTION/CORRECTION CKT	AT & T
1057E	5962-92A2001QYA	1	MEMORY DATA INTERFACE/CU DATA INTERFACE	AT & T
1057F	5962-92A2101QYX	1	D/A CONVERTER, ISC	AT & T
1057G	5962-92A2201QYX	1	ADDRESS CONTROLLER	AT & T
10586/BEAJC	5962-8779301EA	1	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
10586/BFAJC	5962-8779301FA	1	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
10586M/B2AJC	5962-87793012A	1	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	Motorola
10592/BEAJC	5962-9311101MEA	1	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
10592/BFAJC	5962-9311101MFA	1	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
10592M/B2AJC	5962-9311101M2A	1	LINE DRIVER, QUAD DIFFERENTIAL	Motorola
10597/B2AJC	M38510/06202B2A	1(0)	AND GATE, HEX	Motorola
10597/BEAJC	M38510/06202BEA	1(0)	AND GATE, HEX	Motorola
10597/BFAJC	M38510/06202BFA	1(0)	AND GATE, HEX	Motorola
10598/BEAJC	5962-8777301EA	1	MULTIVIBRATOR, MONOSTABLE	Motorola
10598/BFAJC	5962-8777301FA	1	MULTIVIBRATOR, MONOSTABLE	Motorola
10598M/B2AJC	5962-87773012A	1	MULTIVIBRATOR, MONOSTABLE	Motorola
10612/BEAJC	5962-8775001EA	1	OR/NOR GATE, DUAL 3-INPUT	Motorola
10612/BFAJC	5962-8775001FA	1	OR/NOR GATE, DUAL 3-INPUT	Motorola
10612M/B2AJC	5962-87750012A	1	OR/NOR GATE, DUAL 3-INPUT	Motorola
10631/BEAJC	M38510/06102BEA	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola

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10631/BFAJC	M38510/06102BFA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
10631M/B2AJC	M38510/06102B2A	1 (0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
108A/BFAJC	M38510/10104BPA	2 (2)	OP AMP, GENERAL PURPOSE	Motorola
109TJAN	M38510/10701BXA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V	Linfinity
10E416/BYAJC	5962-9309801MYA	1	BINARY COUNTER, 8-BIT SYNCHRONOUS UP	Motorola
10E501/BYAJC	5962-9309901MYA	1	OR/NOR GATE, QUAD 4-INPUT	Motorola
10E504/BYAJC	5962-9310001MYA	1	AND/NAND GATE, QUINT 2-INPUT	Motorola
10E507/BYAJC	5962-9310101MYA	1	EXCLUSIVE-OR/EXCLUSIVE-NOR GATE, QUINT 2-INPUT	Motorola
10E511/BYAJC	5962-9232701MYA	1	CLOCK DRIVER, 1-TO-9-DIFFERENTIAL	Motorola
10E516/BYAJC	5962-9234301MYA	1	LINE RECEIVER, QUINT DIFFERENTIAL	Motorola
10E516/B2AJC	5962-9234301MZA	1	LINE RECEIVER, QUINT DIFFERENTIAL	Motorola
10E531/BYAJC	5962-9310201MYA	1	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
10E551/BYAJC	5962-9310401MYA	1	REGISTER, D-TYPE, 6-BIT	Motorola
10H1042/BYAJC	5962-9207501MYA	1 (0)	CLOCK DRIVER, 68030/40 ECL/TTL	Motorola
10H416/BFAJC	5962-8759001EA	1	BINARY COUNTER, 4-BIT	Motorola
10H416/BFAJC	5962-8759001FA	1	BINARY COUNTER, 4-BIT	Motorola
10H416M/B2AJC	5962-87590012A	1	BINARY COUNTER, 4-BIT	Motorola
10H501/BFAJC	5962-8750301EA	1	OR/NOR GATE, QUAD 2-INPUT	Motorola
10H501/BFAJC	5962-8750301FA	1	OR/NOR GATE, QUAD 2-INPUT	Motorola
10H501M/B2AJC	5962-87503012A	1	OR/NOR GATE, QUAD 2-INPUT	Motorola
10H502/BFAJC	5962-8755701EA	1	NOR GATE, QUAD 2-INPUT	Motorola
10H502/BFAJC	5962-8755701FA	1	NOR GATE, QUAD 2-INPUT	Motorola
10H502M/B2AJC	5962-87557012A	1	NOR GATE, QUAD 2-INPUT	Motorola
10H503/BFAJC	5962-8756501EA	1	OR GATE, QUAD 2-INPUT	Motorola
10H503/BFAJC	5962-8756501FA	1	OR GATE, QUAD 2-INPUT	Motorola
10H503M/B2AJC	5962-87565012A	1	OR GATE, QUAD 2-INPUT	Motorola
10H504/BFAJC	5962-8750401EA	1	AND GATE, QUAD 2-INPUT	Motorola
10H504/BFAJC	5962-8750401FA	1	AND GATE, QUAD 2-INPUT	Motorola
10H504M/B2AJC	5962-87504012A	1	AND GATE, QUAD 2-INPUT	Motorola
10H505/BFAJC	5962-8750701EA	1	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10H505/BFAJC	5962-8750701FA	1	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10H505M/B2AJC	5962-87507012A	1	OR/NOR GATE, TRIPLE 2-3-2 INPUT	Motorola
10H506/BFAJC	5962-8756401EA	1	NOR GATE, TRIPLE 4-3-3 INPUT	Motorola
10H506/BFAJC	5962-8756401FA	1	NOR GATE, TRIPLE 4-3-3 INPUT	Motorola
10H506M/B2AJC	5962-87564012A	1	NOR GATE, TRIPLE 4-3-3 INPUT	Motorola
10H507/BFAJC	5962-8772701EA	1	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10H507/BFAJC	5962-8772701FA	1	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10H507M/B2AJC	5962-87727012A	1	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	Motorola
10H509/BFAJC	5962-8985601EA	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H509/BFAJC	5962-8985601FA	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H509M/B2AJC	5962-89856012A	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H513/BFAJC	5962-8755801EA	1	EXCLUSIVE-OR GATE, QUAD	Motorola
10H513/BFAJC	5962-8755801FA	1	EXCLUSIVE-OR GATE, QUAD	Motorola
10H513M/B2AJC	5962-87558012A	1	EXCLUSIVE-OR GATE, QUAD	Motorola
10H515/BFAJC	5962-8750101EA	1	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
10H515/BFAJC	5962-8750101FA	1	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
10H515M/B2AJC	5962-87501012A	1	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
10H516/BFAJC	5962-8750201EA	1	LINE RECEIVER, TRIPLE	Motorola
10H516/BFAJC	5962-8750201FA	1	LINE RECEIVER, TRIPLE	Motorola
10H516M/B2AJC	5962-87502012A	1	LINE RECEIVER, TRIPLE	Motorola
10H518/BFAJC	5962-8755901EA	1	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
10H518/BFAJC	5962-8755901FA	1	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
10H518M/B2AJC	5962-87559012A	1	OR-AND GATE, DUAL 2-WIDE 3-INPUT	Motorola
10H519/BFAJC	5962-8772801EA	1	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
10H519/BFAJC	5962-8772801FA	1	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
10H519M/B2AJC	5962-87728012A	1	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	Motorola
10H521/BFAJC	5962-8773001EA	1	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
10H521/BFAJC	5962-8773001FA	1	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
10H521M/B2AJC	5962-87730012A	1	OR-AND/OR-AND-INVERT GATE, 4-WIDE	Motorola
10H524/BFAJC	5962-8756001EA	1	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
10H524/BFAJC	5962-8756001FA	1	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
10H524M/B2AJC	5962-87560012A	1	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	Motorola
10H525/BFAJC	5962-8750801EA	1	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
10H525/BFAJC	5962-8750801FA	1	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
10H525M/B2AJC	5962-87508012A	1	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	Motorola
10H531/BFAJC	5962-8756101EA	1	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola
10H531/BFAJC	5962-8756101FA	1	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola
10H531M/B2AJC	5962-87561012A	1	FLIP-FLOP, D-TYPE, DUAL, MASTER/SLAVE	Motorola
10H535/BFAJC	5962-8750501EA	1	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
10H535/BFAJC	5962-8750501FA	1	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
10H535M/B2AJC	5962-87505012A	1	FLIP-FLOP, JK, DUAL, MASTER SLAVE	Motorola
10H536/BFAJC	5962-8700101EA	1	UNIVERSAL COUNTER	Motorola
10H536/BFAJC	5962-8700101FA	1	UNIVERSAL COUNTER	Motorola

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
10H536M/B2AJC	5962-87001012A	1	UNIVERSAL COUNTER	Motorola
10H541/BEAJC	5962-8751101EA	1	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
10H541/BFAJC	5962-8751101FA	1	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
10H541M/B2AJC	5962-87511012A	1	SHIFT REGISTER, 4-BIT UNIVERSAL	Motorola
10H558/BEAJC	5962-8756601EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10H558/BFAJC	5962-8756601FA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10H558M/B2AJC	5962-87566012A	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	Motorola
10H560/BEAJC	5962-8756201EA	1	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
10H560/BFAJC	5962-8756201FA	1	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
10H560M/B2AJC	5962-87562012A	1	PARITY GENERATOR/CHECKER, 12-BIT	Motorola
10H561/BEAJC	5962-8756701EA	1	DECODER, BINARY TO 1-OF-8	Motorola
10H561/BFAJC	5962-8756701FA	1	DECODER, BINARY TO 1-OF-8	Motorola
10H561M/B2AJC	5962-87567012A	1	DECODER, BINARY TO 1-OF-8	Motorola
10H564/BEAJC	5962-8772901EA	1	MULTIPLEXER, 8-INPUT	Motorola
10H564/BFAJC	5962-8772901FA	1	MULTIPLEXER, 8-INPUT	Motorola
10H564M/B2AJC	5962-87729012A	1	MULTIPLEXER, 8-INPUT	Motorola
10H571/BEAJC	5962-8756801EA	1	DECODER, BINARY TO 1-4	Motorola
10H571/BFAJC	5962-8756801FA	1	DECODER, BINARY TO 1-4	Motorola
10H571M/B2AJC	5962-87568012A	1	DECODER, BINARY TO 1-4	Motorola
10H574/BEAJC	5962-8750601EA	1	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
10H574/BFAJC	5962-8750601FA	1	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
10H574M/B2AJC	5962-87506012A	1	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
10H576/BEAJC	5962-8751201EA	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
10H576/BFAJC	5962-8751201FA	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
10H576M/B2AJC	5962-87512012A	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE	Motorola
10H586/BEAJC	5962-8756301EA	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
10H586/BFAJC	5962-8756301FA	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
10H586M/B2AJC	5962-87563012A	1	FLIP-FLOP, D-TYPE, HEX, MASTER/SLAVE, WITH RESET	Motorola
10H588/BEAJC	5962-8750901EA	1	HEX BUFFER, WITH ENABLE	Motorola
10H588/BFAJC	5962-8750901FA	1	HEX BUFFER, WITH ENABLE	Motorola
10H588M/B2AJC	5962-87509012A	1	HEX BUFFER, WITH ENABLE	Motorola
10H589/BEAJC	5962-8751001EA	1	HEX INVERTER, WITH ENABLE	Motorola
10H589/BFAJC	5962-8751001FA	1	HEX INVERTER, WITH ENABLE	Motorola
10H589M/B2AJC	5962-87510012A	1	HEX INVERTER, WITH ENABLE	Motorola
10H609/BEAJC	5962-8756901EA	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H609/BFAJC	5962-8756901FA	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H609M/B2AJC	5962-87569012A	1	OR/NOR GATE, DUAL 4-5 INPUT	Motorola
10H610/BEAJC	5962-8754101EA	1	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
10H610/BFAJC	5962-8754101FA	1	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
10H610M/B2AJC	5962-87541012A	1	OR GATE, DUAL 3-INPUT, 3-OUTPUT	Motorola
10H750/BEAJC	5962-9058801MEA	1	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
10H750/BFAJC	5962-9058801MFA	1	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
10H750M/B2AJC	5962-9058801M2A	1	VOLTAGE TRANSLATOR, ECL-TO-TTL	Motorola
10H751/BEAJC	5962-9156901M2A	1	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
10H751/BFAJC	5962-9156901M2A	1	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
10H751M/B2AJC	5962-9156901M2A	1	TRANSLATOR, QUAD, TTL/NMOS TO ECL	Motorola
111/BFAJC	M38510/10304BPA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	Motorola
1171G	7703401UA	2	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117AIG	7703405UA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117AK	7703405YA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117AL	77034052A	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117AR	77034052A	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117AT	7703405XA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117K	7703401YA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117KJAN	M38510/11704BYA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117L	77034012A	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117R	77034012A	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117T	7703401XA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
117TJAN	M38510/11703BXA	3	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
12159-E01060FR	5962R93A1001VYC		COMMAND DETECTOR UNIT	Honeywell
124/BCAJC	M38510/11005BCA	4(4)	OP AMP, QUAD	Motorola
12509/BEAJC	5962-8774801MEA	1	PRESALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR	Motorola
12511/BEAJC	5962-8774301MEA	1	PRESALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR	Motorola
12513/BEAJC	5962-8774901MEA	1	PRESALER, TWO-MODULUS, ECL-TO-TTL TRANSLATOR, WITH DIVIDE BY 10 AND 11	Motorola
12514/BEAJC	5962-8775101MEA	1	DIGITAL COUNTER CONTROL LOGIC	Motorola
12540/BCAJC	5962-8775201CA	1	PHASE/FREQUENCY DETECTOR	Motorola
137AIC	7703406UA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137AK	7703406YA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137AL	77034062A	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137AR	77034062A	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137AT	7703406XA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137IC	7703403UA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
137K	7703403YA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137KJAN	M38510/11804BYA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137L	77034032A	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137R	7703403ZA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
137T	7703403XA	3	VOLT. REGULATOR, ADJ., NEGATIVE	Linfinity
139/BCAJC	M38510/11201BCA	1(0)	VOLT. COMPARATOR, QUAD	Motorola
14053B/BEAJC	8101802EA	2	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	Motorola
14072B/BCAJC	7706001CA	1(0)	OR GATE, DUAL 4-INPUT	Motorola
14073B/BCAJC	7705101CA	1(0)	AND GATE, TRIPLE 3-INPUT	Motorola
14091B/BCAJC	7702401CA	1(0)	AND GATE, QUAD 2-INPUT	Motorola
14082B/BCAJC	7705901CA	1(0)	AND GATE, DUAL 4-INPUT	Motorola
143T	7800303XA	1	OP AMP, HIGH-VOLTAGE	Linfinity
143Y	7800303PA	1	OP AMP, HIGH-VOLTAGE	Linfinity
14490A/BEAJC	5962-8764601EA	1	CONTACT BOUNCE ELIMINATOR, HEX	Motorola
14502D/BEAJC	7702001EA	1(0)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Motorola
14538B/BEAJC	5962-9055702EA	1	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE, PRECISION	Motorola
14557B/BEAJC	7901601EA	1(0)	SHIFT REGISTER, 1-TO-64 BIT	Motorola
14584B/BCAJC	5962-8550102CA	1	HEX INVERTER, SCHMITT TRIGGER	Motorola
1503T	5962-8686101YA	3	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linfinity
1503Y	5962-8686101PA	3	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linfinity
1524BJ	5962-8764501EA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1524J	7802801EA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1524JJAN	M38510/12601BEA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1525AJ	5962-8951101EA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1525AJJAN	M38510/12602BEA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1526/BVAJC	8551501VA	1(0)	PULSE WIDTH MODULATOR, REGULATING	Motorola
1526/BVAJC	M38510/12603BVA	1(0)	PULSE WIDTH MODULATOR, REGULATING	Motorola
1526BJ	8551501VA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1526BJJAN	M38510/12603BVA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1527AJ	5962-8951102EA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1527AJJAN	M38510/12604BEA	1	PULSE WIDTH MODULATOR, REGULATING	Linfinity
1532T	5962-8777001CA	1	VOLT. REGULATOR	Linfinity
1532T	5962-8777001IA	1	VOLT. REGULATOR	Linfinity
1536T	7800304XA	1	OP AMP, HIGH-VOLTAGE	Linfinity
1536Y	7800304PA	1	OP AMP, HIGH-VOLTAGE	Linfinity
1543J	5962-8774001EA	1	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	Linfinity
1544J	5962-8774002VA	1	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	Linfinity
1548J	5962-8987801EA	1	POWER FAULT MONITOR, QUAD	Linfinity
1549Y	5962-8684901PA	1	ANALOG LATCH, CURRENT SENSING, WITH DIGITAL RESET	Linfinity
158/BGAJC	5962-8771001GA	1	OP AMP, DUAL, LOW-POWER	Motorola
158/BPAJC	5962-8771001PA	1	OP AMP, DUAL, LOW-POWER	Motorola
1590/BGAJC	5962-8765701GA	1	WIDEBAND AMPLIFIER, WITH AGC	Motorola
1596/BCAJC	5962-8857101CA	2	MODULATOR/DEMODULATOR, BALANCED	Motorola
1596/BIAJC	5962-8857101IA	2	MODULATOR/DEMODULATOR, BALANCED	Motorola
1626J	5962-8871601CA	3	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
1626R	5962-8871601XA	3	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
1626T	5962-8871601GA	3	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
1626Y	5962-8871601PA	3	DRIVER, DUAL HIGH-SPEED INVERTING	Linfinity
1644J	5962-9165301MCA	2	DRIVER, DUAL, HIGH-SPEED	Linfinity
1644L	5962-9165301M2A	2	DRIVER, DUAL, HIGH-SPEED	Linfinity
1644T	5962-9165301MGA	2	DRIVER, DUAL, HIGH-SPEED	Linfinity
1644Y	5962-9165301MPA	2	DRIVER, DUAL, HIGH-SPEED	Linfinity
1648M/BCAJC	5962-8977801CA	1	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola
1648M/BDAJC	5962-8977801DA	1	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola
1648MM/B2AJC	5962-89778012A	1	OSCILLATOR, VOLTAGE-CONTROLLED	Motorola
16L8A	M38510/50401BRA	2(2)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
16L8A	M38510/50605BRA	1(1.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
16L8A-15	M38510/50601BRA	1(<.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
16L8A-2	M38510/50407BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T.I.
16R4A	M38510/50404BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T.I.
16R4A	M38510/50608BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
16R4A-15	M38510/50604BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
16R4A-2	M38510/50410BRA	1(.5)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
16R6A	M38510/50403BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T.I.
16R6A	M38510/50607BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
16R6A-15	M38510/50603BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
16R6A-2	M38510/50409BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
16R8A	M38510/50402BRA	1(.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T.I.
16R8A	M38510/50606BRA	1(<2)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
16R8A-15	M38510/50602BRA	1(<.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
16R8A 2	M38510/50408BRA	1(0)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE (S)
1733/BCAJC	8418501CA	1	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	Motorola
1733/BIAJC	8418501IA	1	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	Motorola
1825CJ	5962-8768101EA	1	PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	Linfinity
1825CL	5962-87681012A	1	PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	Linfinity
1842F	5962-8670401HA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1842J	5962-8670401EA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1842L	5962-86704012A	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1842Y	5962-8670401PA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1843F	5962-8670402HA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1843J	5962-8670402EA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1843L	5962-86704022A	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1843Y	5962-8670402PA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1844F	5962-8670403HA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1844J	5962-8670403EA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1844L	5962-86704032A	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1844Y	5962-8670403PA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1845F	5962-8670404HA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1845J	5962-8670404EA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1845L	5962-86704042A	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1845Y	5962-8670404PA	2	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	Linfinity
1846F	5962-8680601FA	1	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
1846J	5962-8680601EA	1	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
1846L	5962-86806012A	1	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linfinity
1HK84	5962H92A0101QYX	1	CONTROLLER, SERIAL COMMUNICATION	Honeywell
1HL08	5962R93A0101QYX	2	GATE ARRAY, SEMICUSTOM	Honeywell
2001JJAN	M38510/14101BEA	2	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2002JJAN	M38510/14102BEA	1	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2003A/BEAJC	M38510/14103BEA	1(0)	TRANSISTOR ARRAY, DARLINGTON	Motorola
2003JJAN	M38510/14103BEA	2	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2004JJAN	M38510/14104BEA	1	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2005JJAN	M38510/14105BEA	2	TRANSISTOR ARRAY	Linfinity
2023J	5962-8987601EA	2	TRANSISTOR ARRAY, 7-GATE DARLINGTON	Linfinity
20L8-15	M38510/50501BLA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T.I.
20R4-15	M38510/50504BLA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
20R6-15	M38510/50503BLA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
20R8-15	M38510/50502BLA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
2101AJJAN	M38510/10105BEA	1	OP AMP, DUAL	Linfinity
22009751-007	5962H94A0901VYC	1	MEMORY INTERFACE CONTROLLER, ASIC	Honeywell
22009751-007	5962H94A0901QYC	1	MEMORY INTERFACE CONTROLLER, ASIC	Honeywell
22017140-005	5962H94A2001QXC	2	ASIC, GYRO UNIT AND PROCESSOR INTERFACE	Honeywell
22017253-008	5962H94A2101QYC	2	ASIC, DECODER	Honeywell
26LS31/BEAJC	7802301EA	1	LINE DRIVER, QUAD DIFFERENTIAL, HIGH SPEED	Motorola
26LS31/BEAJC	5962-7802301MEA	1	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
26LS31/BFAJC	5962-7802301MFA	1	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
26LS31/BFAJC	7802301FA	1	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
26LS31M/B2AJC	5962-7802301M2A	1(0)	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
26LS31M/B2AJC	78023012A	1(0)	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	Motorola
26LS32/BEAJC	5962-7802001MEA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
26LS32/BEAJC	7802001EA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
26LS32/BFAJC	7802001FA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
26LS32/BFAJC	5962-7802001MFA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
26LS32M/B2AJC	5962-7802001M2A	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
26LS32M/B2AJC	78020012A	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	Motorola
2801JJAN	M38510/14106BVA	2	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2802JJAN	M38510/14107BVA	1	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2803J	5962-8605801VA	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2803JJAN	M38510/14108BVA	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2804JJAN	M38510/14109BVA	1	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2805JJAN	M38510/14110BVA	1	TRANSISTOR ARRAY, DARLINGTON	Linfinity
2821J	5962-8968401VA	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2821L	5962-89684012A	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2823J	5962-8968501VA	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2823L	5962-89685012A	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2824J	5962-8968601VA	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2824L	5962-89686012A	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
2803L	5962-86058012A	2	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	Linfinity
3081J	5962-8866401EA	1	TRANSISTOR ARRAY, HIGH-CURRENT NPN	Linfinity
34096956-002	5962H9466701QYC	1	MIL-STD-1750 CHIP SET	Honeywell
34096956-003	5962H9466703QYC	1	MIL-STD-1750 CHIP SET	Honeywell
34096956-004	5962H9466704QYC	1	MIL-STD-1750 CHIP SET	Honeywell
34096956-005	5962H9466701VYC	1	MIL-STD-1750 CHIP SET	Honeywell

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34096956-005	5962H9466701QYC	1	MIL-STD-1750 CHIP SET	Honeywell
35063/BPAJC	5962-9075701MPA	2	DC/DC CONVERTER CONTROL CIRCUIT	Motorola
35074/BCAJC	5962-8996901CA	1	OP AMP, QUAD, SINGLE SUPPLY	Motorola
35074A/BCAJC	5962-8996902CA	1	OP AMP, QUAD, SINGLE SUPPLY	Motorola
35074AM/B2AJC	5962-89969022A	1	OP AMP, QUAD, SINGLE SUPPLY	Motorola
35074M/B2AJC	5962-89969012A	1	OP AMP, QUAD, SINGLE SUPPLY	Motorola
35164/BPAJC	5962-9231801MPA	3	SENSING CIRCUIT, UNDERVOLTAGE	Motorola
3517/BEAJC	5962-8764301EA	1	MODULATOR/DEMODULATOR, CONTINUOUSLY VARIABLE SLOPE DELTA	Motorola
3523/BPAJC	5962-8978001PA	2	SENSING CIRCUIT, OVERVOLTAGE	Motorola
431/BPAJC	8410901PA	1(0)	VOLT. REFERENCE, PROGRAMMABLE	Motorola
431/BPAJC	M38510/14801BPA	4(4)	VOLT. REFERENCE, PROGRAMMABLE	Motorola
4344/BCAJC	5962-8780301CA	1	PHASE/FREQUENCY DETECTOR	Motorola
4344/BD AJC	5962-8780301DA	1	PHASE/FREQUENCY DETECTOR	Motorola
5400	M38510/00104BDA	1(0)	NAND GATE, QUAD 2-INPUT	T.I.
5400	M38510/00104BCA	1(0)	NAND GATE, QUAD 2-INPUT	T.I.
5402	M38510/00401BCA	1(0)	NOR GATE, QUAD 2-INPUT	T.I.
5402	M38510/00401BDA	1(0)	NOR GATE, QUAD 2-INPUT	T.I.
5403	M38510/00109BCA	2(2)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5404	M38510/00105BCA	1(0)	HEX INVERTER	T.I.
5404	M38510/00105BDA	1(0)	HEX INVERTER	T.I.
5405	M38510/00108BCA	1(0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5406	M38510/00801BDA	2(2)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5406	M38510/00801BCA	2(2)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5407	M38510/00803BDA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5407	M38510/00803BCA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5410	M38510/00103BDA	1(0)	NAND GATE, TRIPLE 3-INPUT	T.I.
5410	M38510/00103BCA	1(0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54107	M38510/00203BCA	1(0)	FLIP-FLOP, JK, DUAL	T.I.
54123	M38510/01203BEA	1(0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE	T.I.
54164	M38510/00903BCA	1(0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
54174	M38510/01701BEA	1(0)	FLIP-FLOP, D-TYPE, HEX	T.I.
54174	M38510/01701BFA	1(0)	FLIP-FLOP, D-TYPE, HEX	T.I.
54175	M38510/01702BEA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54175	M38510/01702BFA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54193	M38510/01309BEA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
5425	M38510/00403BCA	2(2)	NOR GATE, DUAL 4-INPUT, W/STROBE	T.I.
5427	M38510/00404BCA	1(0)	NOR GATE, TRIPLE 3-INPUT	T.I.
54367	M38510/16303BEA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54368	M38510/16304BEA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
5438	M38510/00303BDA	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5438	M38510/00303BCA	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
5450	M38510/00501BCA	1(0)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	T.I.
5451	M38510/00502BCA	1(0)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
5451BY	7704902PA	1	PERIPHERAL DRIVER, DUAL AND	Linfinity
5453	M38510/00503BCA	1(0)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	T.I.
5474	M38510/00205BCA	1(0)	FLIP-FLOP, D-TYPE, DUAL	T.I.
5474	M38510/00205BDA	1(0)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54ABT244E/883	5962-9214701Q2A	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT244E/883	5962-9214701M2A	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT244J/883	5962-9214701QRA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT244J/883	5962-9214701MRA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT244W/883	5962-9214701MSA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT244W/883	5962-9214701QSA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT245E/883	5962-9214801Q2A	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT245J/883	5962-9214801QRA	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT245W/883	5962-9214801QSA	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT32543PZ	5962-9557801NXD	1	BUS TRANSCEIVER, 36-BIT, REGISTERED, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
54ABT373E/883	5962-9321801Q2A	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ABT373J/883	5962-9321801QRA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT373W/883	5962-9321801QSA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT374E/883	5962-9314901Q2A	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT374E/883	5962-9314901M2A	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT374J/883	5962-9314901QRA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT374J/883	5962-9314901MRA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT374W/883	5962-9314901QSA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT374W/883	5962-9314901MSA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ABT646E/883	5962-9457701Q3A	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT646J/883	5962-9457701QLA	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ABT646W/883	5962-9457701QKA	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54AC00DMQB	5962-8754901CA	3	NAND GATE, QUAD 2-INPUT	National
54AC00FMQB	5962-8754901DA	3	NAND GATE, QUAD 2-INPUT	National
54AC00LMQB	5962-87549012A	3	NAND GATE, QUAD 2-INPUT	National
54AC02DMQB	5962-8761201CA	2	NOR GATE, QUAD 2-INPUT	National
54AC02FMQB	5962-8761201DA	2	NOR GATE, QUAD 2-INPUT	National
54AC02LMQB	5962-87612012A	2	NOR GATE, QUAD 2-INPUT	National
54AC04DMQB	5962-8760901CA	3	HEX INVERTER	National
54AC04FMQB	5962-8760901DA	3	HEX INVERTER	National
54AC04LMQB	5962-87609012A	3	HEX INVERTER	National
54AC05DMQB	5962-9059001MCA	3	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
54AC05FMQB	5962-9059001MDA	3	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
54AC05LMQB	5962-9059001M2A	3	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
54AC08DMQB	5962-8761501CA	3	AND GATE, QUAD 2-INPUT	National
54AC08FMQB	5962-8761501DA	3	AND GATE, QUAD 2-INPUT	National
54AC08LMQB	5962-87615012A	3	AND GATE, QUAD 2-INPUT	National
54AC109DMQB	5962-8955101EA	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC109FMQB	5962-8955101FA	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC109LMQB	5962-89551012A	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC10DMQB	5962-8761001CA	3	NAND GATE, TRIPLE 3-INPUT	National
54AC10FMQB	5962-8761001DA	3	NAND GATE, TRIPLE 3-INPUT	National
54AC10LMQB	5962-87610012A	3	NAND GATE, TRIPLE 3-INPUT	National
54AC11008FK	5962-87615022A	1(1)	AND GATE, QUAD 2-INPUT	T. I.
54AC11008J	5962-8761502EA	1(1)	AND GATE, QUAD 2-INPUT	T. I.
54AC11DMQB	5962-8761101CA	3	AND GATE, TRIPLE 3-INPUT	National
54AC11FMQB	5962-8761101DA	3	AND GATE, TRIPLE 3-INPUT	National
54AC11LMQB	5962-87611012A	3	AND GATE, TRIPLE 3-INPUT	National
54AC138DMQB	5962-8762201EA	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54AC138FMQB	5962-8762201FA	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54AC138LMQB	5962-87622012A	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54AC139DMQB	5962-8762301EA	3	DECODER, DUAL 2-TO-4-LINE	National
54AC139FMQB	5962-8762301FA	3	DECODER, DUAL 2-TO-4-LINE	National
54AC139LMQB	5962-87623012A	3	DECODER, DUAL 2-TO-4-LINE	National
54AC14DMQB	5962-8762401CA	3	HEX INVERTER, SCHMITT TRIGGER	National
54AC14FMQB	5962-8762401DA	3	HEX INVERTER, SCHMITT TRIGGER	National
54AC14LMQB	5962-87624012A	3	HEX INVERTER, SCHMITT TRIGGER	National
54AC151DMQB	5962-8769101EA	2	DATA SEL/MULTIPLXER, 8-INPUT	National
54AC151FMQB	5962-8769101FA	2	DATA SEL/MULTIPLXER, 8-INPUT	National
54AC151LMQB	5962-87691012A	2	DATA SEL/MULTIPLXER, 8-INPUT	National
54AC153DMQB	5962-8762501EA	2	DATA SEL/MULTIPLXER, DUAL 4-INPUT	National
54AC153FMQB	5962-8762501FA	2	DATA SEL/MULTIPLXER, DUAL 4-INPUT	National
54AC153LMQB	5962-87625012A	2	DATA SEL/MULTIPLXER, DUAL 4-INPUT	National
54AC157DMQB	5962-8953901EA	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC157FMQB	5962-8953901FA	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC157LMQB	5962-89539012A	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC158DMQB	5962-8972901EA	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC158FMQB	5962-8972901FA	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC158LMQB	5962-89729012A	3	DATA SEL/MULTIPLXER, QUAD 2-INPUT	National
54AC161DMQB	5962-8956101EA	3	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC161FMQB	5962-8956101FA	3	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC161LMQB	5962-89561012A	3	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC163DMQB	5962-8958201EA	2	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC163FMQB	5962-8958201FA	2	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC163LMQB	5962-89582012A	2	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
54AC169DMQB	5962-9160301MEA	3	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54AC169FMQB	5962-9160301MFA	3	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
54AC169LMQB	5962-9160301M2A	3	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
54AC174DMQB	5962-8762601EA	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
54AC174FMQB	5962-8762601FA	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
54AC174LMQB	5962-87626012A	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
54AC175DMQB	5962-8955201EA	3	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
54AC175FMQB	5962-8955201FA	3	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
54AC175LMQB	5962-89552012A	3	FLIP-FLOP, D-TYPE, 4-BIT, WITH MASTER RESET	National
54AC191DMQB	5962-8974901EA	3	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
54AC191FMQB	5962-8974901FA	3	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
54AC191LMQB	5962-89749012A	3	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
54AC20DMQB	5962-8761301CA	2	NAND GATE, DUAL 4-INPUT	National
54AC20FMQB	5962-8761301DA	2	NAND GATE, DUAL 4-INPUT	National
54AC20LMQB	5962-87613012A	2	NAND GATE, DUAL 4-INPUT	National
54AC240DMQB	5962-8755001RA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC240FMQB	5962-8755001SA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC240LMQB	5962-87550012A	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC241DMQB	5962-8755101RA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC241FMQB	5962-8755101SA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC241LMQB	5962-87551012A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC244DMQB	5962-8755201RA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC244FMQB	5962-8755201SA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC244LMQB	5962-87552012A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC245DMQB	5962-8775801RA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
54AC245FMQB	5962-8775801SA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
54AC245LMQB	5962-87758012A	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
54AC251DMQB	5962-8769201EA	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
54AC251FMQB	5962-8769201FA	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
54AC251LMQB	5962-87692012A	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
54AC2525DMQB	5962-9217401MCA	3	CLOCK DRIVER, MINIMUM SKEW	National
54AC2525FMQB	5962-9217401MDA	3	CLOCK DRIVER, MINIMUM SKEW	National
54AC2525LMQB	5962-9217401M2A	3	CLOCK DRIVER, MINIMUM SKEW	National
54AC253DMQB	5962-8769301EA	2	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
54AC253FMQB	5962-8769301FA	2	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
54AC253LMQB	5962-87693012A	2	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
54AC257DMQB	5962-8870301EA	2	DATA SEL/MULTIPLEXER, QUAD 2 INPUT, WITH 3-STATE OUTPUTS	National
54AC257FMQB	5962-8870301FA	2	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
54AC257LMQB	5962-88703012A	2	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
54AC258DMQB	5962-9160401MEA	3	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
54AC258FMQB	5962-9160401MFA	3	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
54AC258LMQB	5962-9160401M2A	3	MULTIPLEXER, QUAD 2-INPUT, 3-STATE OUTPUTS	National
54AC273DMQB	5962-8775601RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
54AC273FMQB	5962-8775601SA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
54AC273LMQB	5962-87756012A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
54AC280DMQB	5962-9220101MCA	3	PARITY GENERATOR/CHECKER, 9-BIT	National
54AC280FMQB	5962-9220101MDA	3	PARITY GENERATOR/CHECKER, 9-BIT	National
54AC280LMQB	5962-9220101M2A	3	PARITY GENERATOR/CHECKER, 9-BIT	National
54AC299DMQB	5962-8875401RA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
54AC299FMQB	5962-8875401SA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
54AC299LMQB	5962-88754012A	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
54AC32DMQB	5962-8761401CA	3	OR GATE, QUAD 2-INPUT	National
54AC32FMQB	5962-8761401DA	3	OR GATE, QUAD 2-INPUT	National
54AC32LMQB	5962-87614012A	3	OR GATE, QUAD 2-INPUT	National
54AC373DMQB	5962-8755501RA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
54AC373FMQB	5962-8755501SA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
54AC373LMQB	5962-87555012A	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
54AC374DMQB	5962-8769401RA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC374FMQB	5962-8769401SA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC374LMQB	5962-87694012A	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC377DMQB	5962-8870201RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
54AC377FMQB	5962-8870201SA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
54AC377LMQB	5962-88702012A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
54AC378DMQB	5962-9160501MEA	3	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
54AC378FMQB	5962-9160501MFA	3	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
54AC378LMQB	5962-9160501M2A	3	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	National
54AC520DMQB	5962-9091601MRA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54AC520FMQB	5962-9091601MSA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
54AC520LMQB	5962-9091601M2A	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	National
54AC521DMQB	5962-9098501MRA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
54AC521FMQB	5962-9098501MSA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
54AC521LMQB	5962-9098501M2A	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
54AC540DMQB	5962-8769501RA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC540FMQB	5962-8769501SA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC540LMQB	5962-87695012A	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
54AC541DMQB	5962-8870601RA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC541FMQB	5962-8870601SA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC541LMQB	5962-88706012A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54AC646FMQB	5962-8968201KA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC646LMQB	5962-89682013A	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC646SDMQB	5962-8968201LA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54AC74DMQB	5962-8852001CA	3	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC74FMQB	5962-8852001DA	3	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC74LMQB	5962-88520012A	3	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
54AC821FMQB	5962-9160601MKA	1 (0)	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54AC821LMQB	5962-9160601M3A	1 (0)	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54AC821SDMQB	5962-9160601MLA	1 (0)	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54AC86DMQB	5962-8955001CA	2	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
54AC86FMQB	5962-8955001DA	2	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
54AC86LMQB	5962-89550012A	2	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
54ACQ244DMQB	5962-9217601MRA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54ACQ244FMQB	5962-9217601MSA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54ACQ244LMQB	5962-9217601M2A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
54ACQ245DMQB	5962-9217701MRA	3	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ245FMQB	5962-9217701MSA	3	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ245LMQB	5962-9217701M2A	3	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ373DMQB	5962-9217801MRA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ373FMQB	5962-9217801MSA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ373LMQB	5962-9217801M2A	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ374DMQB	5962-9217901MSA	3	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
54ACQ374FMQB	5962-9217901MRA	3	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
54ACQ374LMQB	5962-9217901M2A	3	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS	National
54ACQ573DMQB	5962-9218001MRA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ573FMQB	5962-9218001MSA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACQ573LMQB	5962-9218001M2A	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT00DMQB	5962-8769901MCA	2	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACT00FMQB	5962-8769901MDA	2	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACT00LMQB	5962-8769901M2A	2	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACT109DMQB	5962-8853401EA	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
54ACT109FMQB	5962-8853401FA	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
54ACT109LMQB	5962-88534012A	3	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	National
54ACT11004FK	5962-89734022A	2 (2)	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
54ACT11004J	5962-89734022RA	2 (2)	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
54ACT11138FK	5962-8755402M2A	2 (2)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
54ACT11138J	5962-8755402MEA	2 (2)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	T.I.
54ACT11245	5962-8763302M3A	1 (1)	SIGNAL PROCESSOR, DIGITAL, 25 MHZ	T.I.
54ACT112DMQB	5962-8995001MEA	3	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
54ACT112FMQB	5962-8995001MFA	3	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
54ACT112LMQB	5962-8995001M2A	3	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
54ACT138DMQB	5962-8755401MEA	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54ACT138FMQB	5962-8755401MFA	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54ACT138LMQB	5962-8755401M2A	3	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
54ACT139DMQB	5962-8755301EA	3	DECODER/DEMULTIPLXER, DUAL 2-TO-4-LINE	National
54ACT139FMQB	5962-8755301FA	3	DECODER/DEMULTIPLXER, DUAL 2-TO-4-LINE	National
54ACT139LMQB	5962-87553012A	3	DECODER/DEMULTIPLXER, DUAL 2-TO-4-LINE	National
54ACT151DMQB	5962-8875601MEA	3	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ACT151FMQB	5962-8875601MFA	3	DECODER/DEMULTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
54ACT151LMQB	5962-8875601M2A	3	DECODER/DEMULTIPLEXER, 8-INPUT, TTL-COMPATIBLE	National
54ACT153DMQB	5962-8769801EA	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT153FMQB	5962-8769801FA	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT153LMQB	5962-87698012A	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT157DMQB	5962-8968801EA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT157FMQB	5962-8968801FA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT157LMQB	5962-89688012A	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACT158DMQB	5962-8875501EA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
54ACT158FMQB	5962-8875501FA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
54ACT158LMQB	5962-88755012A	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
54ACT161DMQB	5962-9172201MEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
54ACT161FMQB	5962-9172201MFA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
54ACT161LMQB	5962-9172201M2A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPATIB	National
54ACT163DMQB	5962-9172301MEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
54ACT163FMQB	5962-9172301MFA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
54ACT163LMQB	5962-9172301M2A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, SYNCHRONOUS RESET, TTL-COMPATIBL	National
54ACT174/DMQB	5962-8775701EA	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
54ACT174/FMQB	5962-8775701FA	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
54ACT174/LMQB	5962-87757012A	3	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	National
54ACT175DMQB	5962-8969301EA	3	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
54ACT175FMQB	5962-8969301FA	3	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
54ACT175LMQB	5962-89693012A	3	FLIP-FLOP, D-TYPE, 4-BIT, TTL-COMPATIBLE INPUTS	National
54ACT240DMQB	5962-8775901MRA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT240FMQB	5962-8775901MSA	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT240LMQB	5962-8775901M2A	3	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT241DMQB	5962-8984701RA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT241FMQB	5962-8984701SA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT241LMQB	5962-89847012A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT244DMQB	5962-8776001MRA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT244FMQB	5962-8776001MSA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT244LMQB	5962-8776001M2A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT245DMQB	5962-8766301MRA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT245FMQB	5962-8766301MSA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT245LMQB	5962-8766301M2A	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT251DMQB	5962-8959901EA	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT251FMQB	5962-8959901FA	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT251LMQB	5962-89599012A	3	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT253DMQB	5962-8776101EA	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT253FMQB	5962-8776101FA	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT253LMQB	5962-87761012A	3	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT257DMQB	5962-8968901EA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT257FMQB	5962-8968901FA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT257LMQB	5962-89689012A	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ACT258DMQB	5962-8870401EA	3	TTL-COMPATIBLE INPUTS	National
54ACT258FMQB	5962-8870401FA	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
54ACT258LMQB	5962-88704012A	3	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
54ACT299DMQB	5962-8877101RA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
54ACT299FMQB	5962-8877101SA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
54ACT299LMQB	5962-88771012A	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	National
54ACT323DMQB	5962-9160701MRA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
54ACT323FMQB	5962-9160701MSA	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
54ACT323LMQB	5962-9160701M2A	3	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH SYNCHRONOUS RESET AND COMMON I/O	National
54ACT373DMQB	5962-8755601RA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT373FMQB	5962-8755601SA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT373LMQB	5962-87556012A	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT374DMQB	5962-8763101RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT374FMQB	5962-8763101SA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT374LMQB	5962-87631012A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT377DMQB	5962-8769701MRA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACT377FMQB	5962-8769701MSA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACT377LMQB	5962-8769701M2A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACT520DMQB	5962-8979301RA	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT520FMQB	5962-8979301SA	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT520LMQB	5962-89793012A	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT521DMQB	5962-8979302RA	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT521FMQB	5962-8979302SA	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT521LMQB	5962-89793022A	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54ACT534DMQB	5962-8965801RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT534FMQB	5962-8965801SA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT534LMQB	5962-89658012A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT563DMQB	5962-8955601RA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT563FMQB	5962-8955601SA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT563LMQB	5962-89556012A	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT564DMQB	5962-8955701RA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT564FMQB	5962-8955701SA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT564LMQB	5962-89557012A	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT573DMQB	5962-8766401RA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT573FMQB	5962-8766401SA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT573LMQB	5962-87664012A	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT574DMQB	5962-8960101MRA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT574FMQB	5962-8960101RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT574LMQB	5962-8960101M2A	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACT715-RDMQB	5962-9309702MRA	3	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
54ACT715-RLMQB	5962-9309702M2A	3	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
54ACT715DMQB	5962-9309701MRA	2	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
54ACT715LMQB	5962-9309701M2A	2	VIDEO SYNC GENERATOR, PROGRAMMABLE, TTL-COMPATIBLE INPUTS	National
54ACT74DMQB	5962-8752501MCA	3	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
54ACT74FMQB	5962-8752501MDA	3	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ACT74LMQB	5962-8752501M2A	3	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
54ACT818FMQB	5962-9160901MKA	3	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
54ACT818LMQB	5962-9160901M3A	3	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
54ACT818SDMOB	5962-9160901MLA	3	PIPELINE REGISTER, 8-BIT DIAGNOSTIC, TTL-COMPATIBLE INPUTS	National
54ACT821FMQB	5962-8870501KA	3	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT821LMQB	5962-88705013A	3	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT821SDMOB	5962-8870501LA	3	FLIP-FLOP, D-TYPE, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACT823FMQB	5962-9161001MKA	1(0)	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
54ACT823LMQB	5962-9161001M3A	1(0)	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
54ACT823SDMOB	5962-9161001MLA	1(0)	FLIP-FLOP, D-TYPE, 9-BIT, POS. EDGE-TRIGGERED, TTL-COMP INPUTS, TS-OUTPUTS	National
54ACT825FMQB	5962-9161101MKA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
54ACT825LMQB	5962-9161101M3A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
54ACT825SDMOB	5962-9161101MLA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, TTL-COMPATIBLE INPUTS, POSITIVE EDGE-TRIGGERED	National
54ACT899DMQB	5962-9314101MXA	3	TRANSCEIVER, 9-BIT, WITH PARITY GENERATOR/CHECKER, 3-STATE OUTPUTS	National
54ACT899LMQB	5962-9314101M3A	3	TRANSCEIVER, 9-BIT, WITH PARITY GENERATOR/CHECKER, 3-STATE OUTPUTS	National
54ACTQ02DMQB	5962-9218101MCA	1(0)	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ02FMQB	5962-9218101MDA	1(0)	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ02LMQB	5962-9218101M2A	1(0)	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ04DMQB	5962-8973401CA	3	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
54ACTQ04FMQB	5962-8973401DA	3	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
54ACTQ04LMQB	5962-89734012A	3	HEX INVERTER, TTL-COMPATIBLE INPUTS	National
54ACTQ08DMQB	5962-8954702CA	3	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ08FMQB	5962-8954702DA	3	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ08LMQB	5962-89547022A	3	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ10DMQB	5962-9218201MCA	2	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ10FMQB	5962-9218201MDA	2	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ10LMQB	5962-9218201M2A	2	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	National
54ACTQ14DMQB	5962-9218301MCA	1(0)	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
54ACTQ14FMQB	5962-9218301MDA	1(0)	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
54ACTQ14LMQB	5962-9218301M2A	1(0)	HEX INVERTER, TTL-COMPATIBLE, SCHMITT TRIGGER INPUTS	National
54ACTQ16244FMQB	5962-9561901QXA	1	BUFFER/DRIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
54ACTQ16245FMQB	5962-9562001QXA	1	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	National
54ACTQ16373FMQB	5962-9561801QXA	1	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ16374FMQB	5962-9452801QXA	2	FLIP-FLOP, D-TYPE, 16-BIT, TS	National
54ACTQ16374FMQB	5962-9452801QXA	2	FLIP-FLOP, D-TYPE, 16-BIT, TS	National
54ACTQ240DMQB	5962-9218401MRA	3	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ240FMQB	5962-9218401MSA	3	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ240LMQB	5962-9218401M2A	3	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ241DMQB	5962-9218501MRA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ241FMQB	5962-9218501MSA	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ241LMQB	5962-9218501M2A	3	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ244DMQB	5962-9218601MRA	3	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
54ACTQ244FMQB	5962-9218601MSA	3	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
54ACTQ244LMQB	5962-9218601M2A	3	BUFFER/LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	National
54ACTQ245DMQB	5962-9218701MRA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
54ACTQ245FMQB	5962-9218701MSA	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
54ACTQ245LMQB	5962-9218701M2A	3	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ACTQ273DMQB	5962-8973501RA	3	INPUTS/OUTPUTS FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
54ACTQ273FMQB	5962-8973501SA	3	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
54ACTQ273LMQB	5962-89735012A	3	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	National
54ACTQ32DMQB	5962-8973601CA	3	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ32FMQB	5962-8973601DA	3	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ32LMQB	5962-89736012A	3	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
54ACTQ373DMQB	5962-9218801MRA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ373FMQB	5962-9218801MSA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ373LMQB	5962-9218801M2A	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ374DMQB	5962-9218901MRA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ374FMQB	5962-9218901MSA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ374LMQB	5962-9218901M2A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ377DMQB	5962-9219001MRA	3	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACTQ377FMQB	5962-9219001MSA	3	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACTQ377LMQB	5962-9219001M2A	3	FLIP-FLOP, D-TYPE, 8-BIT, W/CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
54ACTQ573DMQB	5962-9219401MRA	1(0)	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ573FMQB	5962-9219401MSA	1(0)	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ573LMQB	5962-9219401M2A	1(0)	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ646FMQB	5962-9219601MLA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ646LMQB	5962-9219601M3A	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ646SDMQB	5962-9219601MKA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ646SDMQB	5962-9219601MKA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ646SFMQB	5962-9219601MLA	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ646SLMQB	5962-9219601M3A	3	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54ACTQ657FMQB	5962-9219701MKA	2	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54ACTQ657LMQB	5962-9219701M3A	2	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54ACTQ657SDMQB	5962-9219701MLA	2	TRANSCEIVER, 8-BIT BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54ACTQ827FMQB	5962-9219901MKA	3	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ827LMQB	5962-9219901M3A	3	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ827SDMQB	5962-9219901MLA	3	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ841FMQB	5962-9220001MKA	1(0)	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ841LMQB	5962-9220001M3A	1(0)	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ACTQ841SDMQB	5962-9220001MLA	1(0)	LATCH, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54ALS00A	M38510/37001B2A	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
54ALS00A	M38510/37001BCA	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
54ALS02	M38510/37301B2A	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
54ALS02	M38510/37301BCA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
54ALS04B	M38510/37006BCA	2(2)	HEX INVERTER	T.I.
54ALS04B	M38510/37006B2A	2(2)	HEX INVERTER	T.I.
54ALS08	M38510/37401B2A	2(2)	AND GATE, QUAD 2-INPUT	T.I.
54ALS08	M38510/37401BCA	2(2)	AND GATE, QUAD 2-INPUT	T.I.
54ALS1000A	M38510/38401B2A	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
54ALS1000A	M38510/38401BCA	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
54ALS1002A	M38510/38402B2A	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
54ALS1002A	M38510/38402BCA	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
54ALS1034	M38510/38411BCA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
54ALS1034	M38510/38411B2A	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
54ALS109A	M38510/37102B2A	3(4)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
54ALS109A	M38510/37102BEA	3(4)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
54ALS10A	M38510/37002BCA	1(2)	NAND GATE, TRIPLE 3-INPUT	T.I.
54ALS10A	M38510/37002B2A	1(2)	NAND GATE, TRIPLE 3-INPUT	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ALS112A	M38510/37103BEA	1 (1)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
54ALS112A	M38510/37103B2A	1 (1)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
54ALS11A	M38510/37402B2A	1 (1)	AND GATE, TRIPLE 3-INPUT	T.I.
54ALS11A	M38510/37402BCA	1 (1)	AND GATE, TRIPLE 3-INPUT	T.I.
54ALS133	M38510/37005BEA	2 (2)	NAND GATE, 13-INPUT	T.I.
54ALS133	M38510/37005B2A	2 (2)	NAND GATE, 13-INPUT	T.I.
54ALS138	M38510/37701BEA	2 (2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
54ALS138	M38510/37701B2A	2 (2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
54ALS161B	M38510/38001BEA	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
54ALS161B	M38510/38001B2A	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
54ALS163B	M38510/38002BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54ALS163B	M38510/38002B2A	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54ALS169B	M38510/38003BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
54ALS169B	M38510/38003B2A	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
54ALS174	M38510/37201BEA	2 (2)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
54ALS174	M38510/37201B2A	2 (2)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
54ALS175	M38510/37202BEA	2 (2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
54ALS175	M38510/37202B2A	2 (2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
54ALS20A	M38510/37003BCA	1 (2)	NAND GATE, DUAL 4-INPUT	T.I.
54ALS20A	M38510/37003B2A	1 (2)	NAND GATE, DUAL 4-INPUT	T.I.
54ALS240A	M38510/38301B2A	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS240A	M38510/38301BRA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS241A	5962-8859601SA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS241B	M38510/38302B2A	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS241B	M38510/38302BRA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS244B	M38510/38303B2A	3 (4)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS244B	M38510/38303BRA	3 (4)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54ALS27	M38510/37302BCA	1 (1)	NOR GATE, TRIPLE 3-INPUT	T.I.
54ALS27	M38510/37302B2A	1 (1)	NOR GATE, TRIPLE 3-INPUT	T.I.
54ALS29824	5962-9067502MKA	3 (4)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, INVERTING INPUTS	T.I.
54ALS29824	5962-9067502M3A	3 (4)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, INVERTING INPUTS	T.I.
54ALS29824	5962-9067502MTA	3 (4)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, INVERTING INPUTS	T.I.
54ALS30A	M38510/37004BCA	2 (2)	NAND GATE, 8-INPUT	T.I.
54ALS30A	M38510/37004B2A	2 (2)	NAND GATE, 8-INPUT	T.I.
54ALS32	M38510/37501BCA	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
54ALS32	M38510/37501B2A	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
54ALS373	M38510/37203B2A	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
54ALS373	M38510/37203BRA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
54ALS374	M38510/37204BRA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
54ALS374	M38510/37204B2A	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
54ALS38AWA	5962-8687101BA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54ALS573B	M38510/38201B2A	2 (2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
54ALS573B	M38510/38201BRA	2 (2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
54ALS574A	M38510/37104BRA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54ALS574A	M38510/37104B2A	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54ALS74A	M38510/37101B2A	2 (2)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
54ALS74A	M38510/37101BCA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T.I.
54F00	M38510/33001B2A	3 (4)	NAND GATE, QUAD 2-INPUT	T.I.
54F00	M38510/33001BCA	3 (4)	NAND GATE, QUAD 2-INPUT	T.I.
54F00	M38510/33001BDA	3 (4)	NAND GATE, QUAD 2-INPUT	T.I.
54F00/BCAJC	M38510/33001BCA	1 (0)	NAND GATE, QUAD 2-INPUT	Motorola
54F00/BDAJC	M38510/33001BDA	1 (0)	NAND GATE, QUAD 2-INPUT	Motorola
54F00M/B2AJC	M38510/33001B2A	1 (0)	NAND GATE, QUAD 2-INPUT	Motorola
54F02	M38510/33301B2A	2 (2)	NOR GATE, QUAD 2-INPUT	T.I.
54F02	M38510/33301BDA	2 (2)	NOR GATE, QUAD 2-INPUT	T.I.
54F02	M38510/33301BCA	2 (2)	NOR GATE, QUAD 2-INPUT	T.I.
54F02/BCAJC	M38510/33301BCA	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54F02/BDAJC	M38510/33301BDA	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54F02M/B2AJC	M38510/33301B2A	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54F04	M38510/33002B2A	2 (2)	HEX INVERTER	T.I.
54F04	M38510/33002BDA	2 (2)	HEX INVERTER	T.I.
54F04	M38510/33002BCA	2 (2)	HEX INVERTER	T.I.
54F04/BCAJC	M38510/33002BCA	1 (0)	HEX INVERTER	Motorola
54F04/BDAJC	M38510/33002BDA	1 (0)	HEX INVERTER	Motorola

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54F04M/B2AJC	M38510/33002B2A	1 (0)	HEX INVERTER	Motorola
54F08/BCAJC	M38510/34001BCA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F08/BD AJC	M38510/34001BDA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F08M/B2AJC	M38510/34001B2A	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F10	M38510/33003BDA	2 (2)	NAND GATE, TRIPLE 3-INPUT	T.I.
54F10	M38510/33003B2A	2 (2)	NAND GATE, TRIPLE 3-INPUT	T.I.
54F10	M38510/33003BCA	2 (2)	NAND GATE, TRIPLE 3-INPUT	T.I.
54F10/BCAJC	M38510/33003BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54F10/BD AJC	M38510/33003BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54F109/DEAJC	M38510/34102BEA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54F109/BFAJC	M38510/34102BFA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54F109M/B2AJC	M38510/34102B2A	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54F10M/B2AJC	M38510/33003B2A	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54F11	M38510/34002BCA	2 (2)	AND GATE, QUAD 2-INPUT	T.I.
54F11	M38510/34002BDA	2 (2)	AND GATE, QUAD 2-INPUT	T.I.
54F11	M38510/34002B2A	2 (2)	AND GATE, QUAD 2-INPUT	T.I.
54F11/BCAJC	M38510/34002BCA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F11/BD AJC	M38510/34002BDA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F11M/B2AJC	M38510/34002B2A	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54F13/BCAJC	5962-9455901QCA	1	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
54F13/BD AJC	5962-9455901QDA	1	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
54F132DMQB	5962-8948701CA	3	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
54F132FMQB	5962-8948701DA	3	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
54F132LMQB	5962-89487012A	3	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	National
54F138	M38510/33701BEA	2 (2)	DECODER, 3-TO-8-LINE	T.I.
54F138	M38510/33701BFA	2 (2)	DECODER, 3-TO-8-LINE	T.I.
54F138	M38510/33701B2A	2 (2)	DECODER, 3-TO-8-LINE	T.I.
54F138/BEAJC	M38510/33701BEA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54F138/BFAJC	M38510/33701BFA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54F138M/B2AJC	M38510/33701B2A	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54F139/BEAJC	M38510/33702BEA	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54F139/BFAJC	M38510/33702BFA	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54F139M/B2AJC	M38510/33702B2A	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54F13M/B2AJC	5962-9455901O2A	1	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
54F14/BCAJC	5962-8875201CA	1	HEX INVERTER, SCHMITT TRIGGER	Motorola
54F14/BD AJC	5962-8875201DA	1	HEX INVERTER, SCHMITT TRIGGER	Motorola
54F14DMQB	5962-8875201CA	3	HEX INVERTER, SCHMITT TRIGGER	National
54F14FMQB	5962-8875201DA	3	HEX INVERTER, SCHMITT TRIGGER	National
54F14LMQB	5962-88752012A	3	HEX INVERTER, SCHMITT TRIGGER	National
54F14M/B2AJC	5962-88752012A	1	HEX INVERTER, SCHMITT TRIGGER	Motorola
54F151/BEAJC	M38510/33901BEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54F151/BFAJC	M38510/33901BFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54F151M/B2AJC	M38510/33901B2A	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54F153	M38510/33902BEA	2 (2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54F153	M38510/33902B2A	2 (2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54F153	M38510/33902BFA	2 (2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54F153/BEAJC	M38510/33902BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F153/BFAJC	M38510/33902BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F153M/B2AJC	M38510/33902B2A	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F157A/BEAJC	M38510/33903BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F157A/BFAJC	M38510/33903BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F157AM/B2AJC	M38510/33903B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F158A/BEAJC	M38510/33904BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F158A/BFAJC	M38510/33904BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F158AM/B2AJC	M38510/33904B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54F161A/BEAJC	M38510/34301BEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54F161A/BFAJC	M38510/34301BFA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54F161AM/B2AJC	M38510/34301B2A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54F164ADMQB	5962-8607101CA	3	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
54F164AFMQB	5962-8607101DA	3	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
54F164ALMQB	5962-86071012A	3	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	National
54F169DMQB	5962-8607201EA	2	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
54F169FMQB	5962-8607201FA	2	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
54F169LMQB	5962-86072012A	2	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
54F174/BEAJC	M38510/34107BEA	1 (0)	FLIP-FLOP, D-TYPE, HEX	Motorola
54F174/BFAJC	M38510/34107BFA	1 (0)	FLIP-FLOP, D-TYPE, HEX	Motorola
54F174M/B2AJC	M38510/34107B2A	1 (0)	FLIP-FLOP, D-TYPE, HEX	Motorola
54F175/DEAJC	M38510/34104BEA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F175/BFAJC	M38510/34104BFA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F175M/B2AJC	M38510/34104B2A	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F181DMQB	5962-8671002JA	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	National
54F181LMQB	5962-86710023A	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	National
54F182/BEAJC	M38510/33802BEA	1 (0)	LOOK AHEAD CARRY GENERATOR	Motorola

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54F182/BFAJC	M38510/33802BFA	1 (0)	LOOK AHEAD CARRY GENERATOR	Motorola
54F182M/B2AJC	M38510/33802B2A	1 (0)	LOOK AHEAD CARRY GENERATOR	Motorola
54F191DMQB	5962-9058201EA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
54F191FMQB	5962-9058201FA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
54F191LMQB	5962-90582012A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
54F194/BEAJC	M38510/33601BEA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
54F194/BFAJC	M38510/33601BFA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
54F194M/B2AJC	M38510/33601B2A	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	Motorola
54F20	M38510/33004BCA	1 (1)	NAND GATE, DUAL 4-INPUT	T.I.
54F20	M38510/33004B2A	1 (1)	NAND GATE, DUAL 4-INPUT	T.I.
54F20	M38510/33004BDA	1 (1)	NAND GATE, DUAL 4-INPUT	T.I.
54F20/BCAJC	M38510/33004BCA	1 (0)	NAND GATE, DUAL 4-INPUT	Motorola
54F20/BDAJC	M38510/33004BDA	1 (0)	NAND GATE, DUAL 4-INPUT	Motorola
54F20M/B2AJC	M38510/33004B2A	1 (0)	NAND GATE, DUAL 4-INPUT	Motorola
54F2244BDMQB	5962-9325001MRA	3	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
54F2244BFMQB	5962-9325001MSA	3	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
54F2244BLMQB	5962-9325001M2A	3	BUFFER/LINE DRIVER, OCTAL, W/3-STATE OUTPUTS AND	National
54F240	M38510/33201B2A	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54F240	M38510/33201BSA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54F240	M38510/33201B2A	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54F240	M38510/33201BRA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54F240/BRAJC	M38510/33201BRA	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F240/BSAJC	M38510/33201BSA	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F240M/B2AJC	M38510/33201B2A	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F241	M38510/33202B2A	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F241	M38510/33202BRA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F241	M38510/33202BSA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F241/BRAJC	M38510/33202BRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F241/BSAJC	M38510/33202BSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F241M/B2AJC	5962-86874012A	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F241M/B2AJC	M38510/33202B2A	2	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F242/BCAJC	M38510/34801BCA	1 (0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F242/BDAJC	M38510/34801BDA	1 (0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F242M/B2AJC	M38510/34801B2A	1 (0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243/BCAJC	M38510/34802BCA	1 (0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243/BCAJC	5962-8683401CA	1 (0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243/BDAJC	5962-8683401DA	3	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243/BDAJC	M38510/34802BDA	1 (0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243DMQB	5962-8683401CA	1	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
54F243FMQB	5962-8683401DA	1	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
54F243LMQB	5962-86834012A	1	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	National
54F243M/B2AJC	M38510/34802B2A	1 (0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F243M/B2AJC	5962-86834012A	3	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F244	M38510/33203BSA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F244	M38510/33203BRA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F244	M38510/33203B2A	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F244	M38510/33203B2A	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54F244/BRAJC	M38510/33203BRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F244/BSAJC	M38510/33203BSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F244M/B2AJC	M38510/33203B2A	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54F245	M38510/34803BSA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54F245	M38510/34803BRA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54F245	M38510/34803B2A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54F245/BRAJC	8551101RA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F245/BRAJC	M38510/34803BRA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F245/BSAJC	M38510/34803BSA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F245/BSAJC	8551101SA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F245M/B2AJC	M38510/34803B2A	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F245M/B2AJC	85511012A	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Motorola
54F253/BEAJC	M38510/33908BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F253/BFAJC	M38510/33908BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F253M/B2AJC	M38510/33908B2A	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F273/DMOB	5962-8855001RA	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
54F273/FMQB	5962-8855001SA	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
54F273/LMQB	5962-88550012A	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	National
54F280/BCAJC	M38510/34901BCA	1 (0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54F280/BDAJC	M38510/34901BDA	1 (0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54F280M/B2AJC	M38510/34901B2A	1 (0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54F283	M38510/34201B2A	2 (2)	ADDER, 4-BIT FULL	T.I.
54F283	M38510/34201BFA	2 (2)	ADDER, 4-BIT FULL	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54F283	M38510/34201BEA	2(2)	ADDER, 4-BIT FULL	T.I.
54F283/BEAJC	M38510/34201BEA	1(0)	ADDER, 4-BIT FULL	Motorola
54F283/BFAJC	M38510/34201BFA	1(0)	ADDER, 4-BIT FULL	Motorola
54F283M/B2AJC	M38510/34201B2A	1(0)	ADDER, 4-BIT FULL	Motorola
54F299	5962-8957301RA	3(4)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
54F299	5962-89573012A	3(4)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
54F299	5962-8957301SA	3(4)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
54F32/BCAJC	M38510/33501BCA	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54F32/BDAJC	M38510/33501BDA	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54F322DMQB	5962-8607401RA	1	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
54F322FMQB	5962 8607401SA	1	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
54F322LMQB	5962-86074012A	1	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND 3-STATE OUTPUTS	National
54F32M/B2AJC	M38510/33501B2A	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54F352/BEAJC	M38510/33909BEA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F352/BFAJC	M38510/33909BFA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F352M/B2AJC	M38510/33909B2A	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54F353/BEAJC	M38510/33910BEA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F353/BFAJC	M38510/33910BFA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F353M/B2AJC	M38510/33910B2A	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54F373/BRAJC	M38510/34601BRA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F373/BSAJC	M38510/34601BSA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F373M/B2AJC	M38510/34601B2A	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F374/BRAJC	M38510/34105BRA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F374/BSAJC	M38510/34105BSA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F374M/B2AJC	M38510/34105B2A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F377DMQB	5962-9091001MRA	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
54F377FMOB	5962-9091001MSA	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
54F377LMQB	5962-9091001M2A	3	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH CLOCK ENABLE	National
54F378/BEAJC	5962-8855501EA	1	REGISTER, D-TYPE, HEX PARALLEL	Motorola
54F378/BFAJC	5962-8855501FA	1	REGISTER, D-TYPE, HEX PARALLEL	Motorola
54F378DMQB	5962-8855501EA	3	REGISTER, D-TYPE, HEX PARALLEL	National
54F378FMQB	5962-8855501FA	3	REGISTER, D-TYPE, HEX PARALLEL	National
54F378LMQB	5962-88555012A	3	REGISTER, D-TYPE, HEX PARALLEL	National
54F378M/B2AJC	5962-88555012A	1	REGISTER, D-TYPE, HEX PARALLEL	Motorola
54F379/BEAJC	M38510/34109BEA	1(0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F379/BFAJC	M38510/34109BFA	1(0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F379M/B2AJC	M38510/34109B2A	1(0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54F38	5962-86872012A	3(4)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54F38	5962-8687201CA	3(4)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54F38	5962-8687201DA	3(4)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54F381/BRAJC	5962-8671001RA	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F381/BRAJC	M38510/33803BRA	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F381/BSAJC	5962-8671001SA	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F381/BSAJC	M38510/33803BSA	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F381M/B2AJC	5962-86710012A	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F381M/B2AJC	M38510/33803B2A	1(0)	ARITHMETIC LOGIC UNIT, 4-BIT	Motorola
54F382/BRAJC	M38510/33804BRA	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
54F382/BSAJC	M38510/33804BSA	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
54F382M/B2AJC	M38510/33804B2A	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
54F398/BRAJC	M38510/35001BRA	1(0)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F398/BSAJC	M38510/35001BSA	1(0)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F398M/B2AJC	M38510/35001B2A	1(0)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F399/BEAJC	M38510/35002BEA	2(2)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F399/BFAJC	M38510/35002BFA	2(2)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F399M/B2AJC	M38510/35002B2A	2(2)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	Motorola
54F402DMQB	5962-9059301MEA	1(0)	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
54F402FMQB	5962-9059301MFA	1(0)	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
54F402LMQB	5962-9059301M2A	1(0)	POLYNOMIAL GENERATOR/CHECKER, SERIAL DATA	National
54F521	M38510/34701B2A	2(2)	IDENTITY COMPARATOR, 8-BIT	T.I.
54F521	M38510/34701BSA	2(2)	IDENTITY COMPARATOR, 8-BIT	T.I.
54F521	M38510/34701BRA	2(2)	IDENTITY COMPARATOR, 8-BIT	T.I.

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54F533/BRAJC	M38510/34602BRA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F533/BSAJC	M38510/34602BSA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F533M/B2AJC	M38510/34602B2A	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F534/BRAJC	M38510/34106BRA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F534/BSAJC	M38510/34106BSA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F534M/B2AJC	M38510/34106B2A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54F573DMQB	5962-9173801MRA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
54F573FMQB	5962-9173801MSA	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
54F573LMQB	5962-9173801M2A	3	LATCH, D-TYPE, 8-BIT, TRANSPARENT	National
54F64/BCAJC	M38510/33401BCA	1(0)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
54F64/BDAJC	M38510/33401BDA	1(0)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
54F646FMQB	5962-8975401KA	1	BUS TRANSCEIVER/REGISTER	National
54F646LMQB	5962-89754013A	1	BUS TRANSCEIVER/REGISTER	National
54F646SDMQB	5962-8975401LA	1	BUS TRANSCEIVER/REGISTER	National
54F648FMQB	5962-8975402KA	1	BUS TRANSCEIVER/REGISTER, INVERTED	National
54F648LMQB	5962-89754023A	1	BUS TRANSCEIVER/REGISTER, INVERTED	National
54F648SDMQB	5962-8975402LA	1	BUS TRANSCEIVER/REGISTER, INVERTED	National
54F64M/B2AJC	M38510/33401B2A	1(0)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	Motorola
54F652FMQB	5962-8955801KA	1	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54F652LMQB	5962-89558013A	1	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54F652SDMQB	5962-8955801LA	1	TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	National
54F657FMQB	5962-8953501KA	2	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54F657LMBQ	5962-89535013A	2	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54F657SDMQB	5962-8953501LA	2	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	National
54F74	M38510/34101B2A	3(4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54F74	M38510/34101B2A	3(4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54F74	M38510/34101BDA	3(4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54F74	M38510/34101BCA	3(4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54F74/BCAJC	M38510/34101BCA	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54F74/BDAJC	M38510/34101BDA	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54F74M/B2AJC	M38510/34101B2A	1(0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54F803M/B2AJC	5962-9171601M2A	1	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
54F803M/BCAJC	5962-9171601MCA	1	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
54F803M/BDAJC	5962-9171601MDA	1	CLOCK DRIVER, QUAD D-TYPE FLIP-FLOP, WITH MATCHED PROPAGATION DELAYS	Motorola
54F821FMQB	5962-8943801KA	1	SHIFT REGISTER, 10-BIT, NONINVERTING	National
54F821LMQB	5962-89438013A	1	SHIFT REGISTER, 10-BIT, NONINVERTING	National
54F821SDMQB	5962-8943801LA	1	SHIFT REGISTER, 10-BIT, NONINVERTING	National
54F827FMQB	5962-9209001MKA	2	BUFFER/LINE DRIVER, 10-BIT	National
54F827LMQB	5962-9209001M3A	2	BUFFER/LINE DRIVER, 10-BIT	National
54F827SDMQB	5962-9209001MLA	2	BUFFER/LINE DRIVER, 10-BIT	National
54F86/BCAJC	M38510/34501BCA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54F86/BDAJC	M38510/34501BDA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54F86M/B2AJC	M38510/34501B2A	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54FCT138DMQB	5962-8765401EA	3	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
54FCT138FMQB	5962-8765401FA	3	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
54FCT138LMQB	5962-87654012A	3	DECODER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	National
54FCT240DMQB	5962-8765501RA	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT240FMQB	5962-8765501SA	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT240LMQB	5962-87655012A	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT244DMQB	5962-8763001RA	2	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT244FMQB	5962-8763001SA	2	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT244LMQB	5962-87630012A	2	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT245DMQB	5962-8762901RA	3	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT245FMQB	5962-8762901SA	3	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT245LMQB	5962-87629012A	3	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
54FCT273DMQB	5962-8765601RA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	National
54FCT273FMQB	5962-8765601SA	3	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54FCT273LMQB	5962-87656012A	3	INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE	National
54FCT373DMQB	5962-8764401RA	2	LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE	National
54FCT373FMQB	5962-8764401SA	2	OUTPUTS, TTL-COMP. INP LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE	National
54FCT373LMQB	5962-87644012A	2	OUTPUTS, TTL-COMP. INP LATCH, D-TYPE, 8-BIT, TRANSPARENT, W/NONINVERTING 3-STATE	National
54FCT374DMQB	5962-8762801RA	2	OUTPUTS, TTL-COMP. INP FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE	National
54FCT374FMQB	5962-8762801SA	2	OUTPUTS, TTL-COMP. INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE	National
54FCT374LMQB	5962-87628012A	2	OUTPUTS, TTL-COMP. INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE	National
54FCT377DMQB	5962-8762701RA	3	OUTPUTS, TTL-COMP. INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE,	National
54FCT377FMQB	5962-8762701SA	3	TTL-COMPATIBLE INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE,	National
54FCT377LMQB	5962-87627012A	3	TTL-COMPATIBLE INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE,	National
54FCT521DMQB	5962-8854301RA	3	TTL-COMPATIBLE INPUTS IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54FCT521FMQB	5962-8854301SA	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54FCT521LMQB	5962-88543012A	3	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	National
54FCT533DMQB	5962-8865101RA	1	LATCH, 8-BIT, TRANSPARENT	National
54FCT533FMQB	5962-8865101SA	1	LATCH, 8-BIT, TRANSPARENT	National
54FCT533LMQB	5962-88651012A	1	LATCH, 8-BIT, TRANSPARENT	National
54FCT540DMQB	5962-8976701RA	2	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS,	National
54FCT540FMQB	5962-8976701SA	2	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS,	National
54FCT540LMQB	5962-89767012A	2	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS,	National
54FCT541DMQB	5962-8976601RA	2	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
54FCT541FMQB	5962-8976601SA	2	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
54FCT541LMQB	5962-89766012A	2	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
54FCT573DMQB	5962-8863901RA	2	TTL-COMPATIBLE INPUTS LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	National
54FCT573FMQB	5962-8863901SA	2	TTL-COMPATIBLE INPUTS LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	National
54FCT573LMQB	5962-88639012A	2	TTL-COMPATIBLE INPUTS LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	National
54FCT574DMQB	5962-8951301RA	2	TTL-COMPATIBLE INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54FCT574FMQB	5962-8951301SA	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54FCT574LMQB	5962-89513012A	2	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
54HC00	M38510/65001B2A	1(1)	NAND GATE, QUAD 2-INPUT	T.I.
54HC00	M38510/65001BCA	1(1)	NAND GATE, QUAD 2-INPUT	T.I.
54HC00	M38510/65001BDA	1(1)	NAND GATE, QUAD 2-INPUT	T.I.
54HC02	M38510/65101BDA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
54HC02	M38510/65101BCA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
54HC02	M38510/65101B2A	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
54HC04	M38510/65701BDA	1(1.5)	HEX INVERTER	T.I.
54HC04	M38510/65701B2A	1(1.5)	HEX INVERTER	T.I.
54HC04	M38510/65701BCA	1(1.5)	HEX INVERTER	T.I.
54HC08	M38510/65203BCA	1(1)	AND GATE, QUAD 2-INPUT	T.I.
54HC08	M38510/65203BDA	1(1)	AND GATE, QUAD 2-INPUT	T.I.
54HC08	M38510/65203B2A	1(1)	AND GATE, QUAD 2-INPUT	T.I.
54HC10	M38510/65002B2A	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
54HC10	M38510/65002BCA	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
54HC10	M38510/65002BDA	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
54HC109	M38510/65304B2A	2(2)	FLIP-FLOP, JK, DUAL	T.I.
54HC109	M38510/65304BEA	2(2)	FLIP-FLOP, JK, DUAL	T.I.
54HC11	M38510/65204BDA	2(2)	AND GATE, TRIPLE 3-INPUT	T.I.
54HC11	M38510/65204BCA	2(2)	AND GATE, TRIPLE 3-INPUT	T.I.
54HC112	M38510/65305BEA	3(4)	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
54HC112	M38510/65305BFA	3(4)	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
54HC138	M38510/65802BFA	3(4)	DECODER, 3-TO-8-LINE	T.I.
54HC138	M38510/65802BEA	3(4)	DECODER, 3-TO-8-LINE	T.I.
54HC138	M38510/65802B2A	3(4)	DECODER, 3-TO-8-LINE	T.I.
54HC139	M38510/65803BEA	2(2)	DECODER, DUAL 2-TO-4-LINE	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54HC139	M38510/65803BFA	2 (2)	DECODER, DUAL 2-TO-4-LINE	T.I.
54HC14	M38510/65702BCA	2 (2)	HEX INVERTER, SCHMITT TRIGGER	T.I.
54HC14	M38510/65702BDA	2 (2)	HEX INVERTER, SCHMITT TRIGGER	T.I.
54HC157	5962-86061012A	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54HC157	5962-8606101EA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54HC157	5962-8606101EA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54HC161	M38510/66302BFA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
54HC161	M38510/66302BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
54HC163	M38510/66304BEA	1 (1)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54HC174	M38510/65307BEA	1 (1)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
54HC174	M38510/65307BFA	1 (1)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
54HC175	M38510/65308BEA	2 (2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54HC175	M38510/65308BFA	2 (2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54HC190	5962-89946012A	1 (<.5)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
54HC190	5962-8994601EA	1 (<.5)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
54HC194	5962-86826012A	1 (.5)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	T.I.
54HC20	M38510/65003BDA	1 (1.5)	NAND GATE, DUAL 4-INPUT	T.I.
54HC20	M38510/65003BCA	1 (1.5)	NAND GATE, DUAL 4-INPUT	T.I.
54HC240	M38510/65703B2A	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC240	M38510/65703BRA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC240	M38510/65703BSA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC241	M38510/65704BRA	1 (1.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC244	M38510/65705B2A	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC244	M38510/65705BRA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC244	M38510/65705BSA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC245	M38510/65503BSA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HC245	M38510/65503BRA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HC259	M38510/65402BEA	1 (1)	LATCH, 8-BIT ADDRESSABLE	T.I.
54HC27	M38510/65102BDA	1 (1)	NOR GATE, TRIPLE 3-INPUT	T.I.
54HC27	M38510/65102BCA	1 (1)	NOR GATE, TRIPLE 3-INPUT	T.I.
54HC273	M38510/65601BSA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
54HC273	M38510/65601BRA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
54HC30	8404001CA	1 (1)	NAND GATE, 8-INPUT	T.I.
54HC30	8404001DA	1 (1)	NAND GATE, 8-INPUT	T.I.
54HC30	84040012A	1 (1)	NAND GATE, 8-INPUT	T.I.
54HC32	M38510/65201BCA	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
54HC32	M38510/65201BDA	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
54HC32	M38510/65201B2A	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
54HC365	M38510/65706BEA	1 (1)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC367	M38510/65708BEA	2 (2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC367	M38510/65708BFA	2 (2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC368	M38510/65709BEA	3 (4)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC373	M38510/65403B2A	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC373	M38510/65403BKA	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC373	M38510/65403BSA	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC374	M38510/65602BSA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC374	M38510/65602BRA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC390	8600901EA	1 (1)	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	T.I.
54HC390	86009012A	1 (1)	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	T.I.
54HC393	M38510/66309BDA	2 (2)	BINARY COUNTER, DUAL 4-BIT	T.I.
54HC393	M38510/66309BCA	2 (2)	BINARY COUNTER, DUAL 4-BIT	T.I.
54HC4002	M38510/65104BCA	2 (2)	NOR GATE, DUAL 4-INPUT	T.I.
54HC4002	M38510/65104BDA	2 (2)	NOR GATE, DUAL 4-INPUT	T.I.
54HC4066	5962-8950701CA	1 (0)	ANALOG SWITCH, SPST, 4-CHANNEL	T.I.
54HC4066	5962-89507012A	1 (0)	ANALOG SWITCH, SPST, 4-CHANNEL	T.I.
54HC42	5962-8682101FA	1 (0)	DECODER, BCD-TO-DECIMAL	T.I.
54HC51	5962-9151301M2A	1 (<.5)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54HC51	5962-9151301MCA	1 (<.5)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54HC534	5962-8681401RA	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HC534	5962-86814012A	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HC540	M38510/65710BRA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC541	M38510/65711BSA	1 (1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC541	M38510/65711BRA	1 (1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HC563	5962-8606201SA	1 (1)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
54HC563	5962-8606201RA	1 (1)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
54HC563	5962-86062012A	1 (1)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
54HC573	M38510/65406BRA	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC574	M38510/65604BRA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HC74	M38510/65302BDA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
54HC74	M38510/65302B2A	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
54HC74	M38510/65302BCA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54HC86	M38510/65202BDA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
54HC86	M38510/65202BCA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
54HCT04	M38510/65751BCA	1 (1)	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
54HCT138	M38510/65852BEA	2 (2)	DECODER, 3-TO-8-LINE	T.I.
54HCT240	M38510/65753BRA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54HCT244	M38510/65755BRA	1 (1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HCT245	M38510/65553BSA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HCT245	M38510/65553BRA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
54HCT373	M38510/65453BSA	3 (4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
54HCT373	M38510/65453BRA	3 (4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
54HCT374	M38510/65652BSA	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
54HCT374	M38510/65652BRA	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
54HCT540	M38510/65760BRA	1 (1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54HCT541	M38510/65761BRA	2 (2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54HCT74	M38510/65352BCA	1 (1.5)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS	T.I.
54LS00	M38510/30001B2A	1 (1)	NAND GATE, QUAD 2-INPUT	T.I.
54LS00	M38510/30001BDA	1 (1)	NAND GATE, QUAD 2-INPUT	T.I.
54LS00	M38510/30001BCA	1 (1)	NAND GATE, QUAD 2-INPUT	T.I.
54LS00/BCAJC	M38510/30001BCA	2 (2)	NAND GATE, QUAD 2-INPUT	Motorola
54LS00/BD AJC	M38510/30001BDA	2 (2)	NAND GATE, QUAD 2-INPUT	Motorola
54LS00M/B2AJC	M38510/30001B2A	2 (2)	NAND GATE, QUAD 2-INPUT	Motorola
54LS02	M38510/30301B2A	3 (4)	NOR GATE, QUAD 2-INPUT	T.I.
54LS02	M38510/30301BCA	3 (4)	NOR GATE, QUAD 2-INPUT	T.I.
54LS02	M38510/30301BDA	3 (4)	NOR GATE, QUAD 2-INPUT	T.I.
54LS02/BCAJC	M38510/30301BCA	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54LS02/BD AJC	M38510/30301BDA	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54LS02M/B2AJC	M38510/30301B2A	1 (0)	NOR GATE, QUAD 2-INPUT	Motorola
54LS03/BCAJC	M38510/30002BCA	2 (2)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS04	M38510/30003BCA	1 (1)	HEX INVERTER	T.I.
54LS04	M38510/30003BDA	1 (1)	HEX INVERTER	T.I.
54LS04	M38510/30003BDA	1 (1)	HEX INVERTER	T.I.
54LS04/BCAJC	M38510/30003BCA	1 (0)	HEX INVERTER	Motorola
54LS04/BD AJC	M38510/30003BDA	1 (0)	HEX INVERTER	Motorola
54LS04M/B2AJC	M38510/30003B2A	1 (0)	HEX INVERTER	Motorola
54LS05/BCAJC	M38510/30004BCA	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS05M/B2AJC	M38510/30004B2A	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS08	M38510/31004BCA	1 (1)	AND GATE, QUAD 2-INPUT	T.I.
54LS08	M38510/31004BDA	1 (1)	AND GATE, QUAD 2-INPUT	T.I.
54LS08	M38510/31004B2A	1 (1)	AND GATE, QUAD 2-INPUT	T.I.
54LS08/BCAJC	M38510/31004BCA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54LS08/BD AJC	M38510/31004BDA	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54LS08M/B2AJC	M38510/31004B2A	1 (0)	AND GATE, QUAD 2-INPUT	Motorola
54LS09/BCAJC	M38510/31005BCA	1 (0)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS09/BD AJC	8001901CA	1 (0)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS09/BD AJC	M38510/31005BDA	1 (0)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS10	M38510/30005BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54LS10	M38510/30005BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54LS10	M38510/30005B2A	1 (0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54LS10/BCAJC	M38510/30005BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54LS10/BD AJC	M38510/30005BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54LS107A/BCAJC	M38510/30108BCA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS109A	M38510/30109BFA	2 (2)	FLIP-FLOP, JK, DUAL	T.I.
54LS109A	M38510/30109BEA	2 (2)	FLIP-FLOP, JK, DUAL	T.I.
54LS109A	M38510/30109B2A	2 (2)	FLIP-FLOP, JK, DUAL	T.I.
54LS109A/BEAJC	M38510/30109BEA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS109A/BFAJC	M38510/30109BFA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS10M/B2AJC	M38510/30005B2A	1 (0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54LS11	M38510/31001B2A	1 (0)	AND GATE, TRIPLE 3-INPUT	T.I.
54LS11	M38510/31001BDA	1 (0)	AND GATE, TRIPLE 3-INPUT	T.I.
54LS11	M38510/31001BCA	1 (0)	AND GATE, TRIPLE 3-INPUT	T.I.
54LS11/BCAJC	M38510/31001BCA	1 (0)	AND GATE, TRIPLE 3-INPUT	Motorola
54LS11/BD AJC	M38510/31001BDA	1 (0)	AND GATE, TRIPLE 3-INPUT	Motorola
54LS112A	M38510/30103BFA	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
54LS112A	M38510/30103B2A	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
54LS112A	M38510/30103BEA	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
54LS112A/BEAJC	M38510/30103BEA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS112A/BFAJC	M38510/30103BFA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS112AM/B2AJC	M38510/30103B2A	1 (0)	FLIP-FLOP, JK, DUAL	Motorola

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS113A/BCAJC	M38510/30104BCA	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	Motorola
54LS113A/BDAJC	M38510/30104BDA	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	Motorola
54LS114A/BCAJC	M38510/30105BCA	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET	Motorola
54LS12/BCAJC	M38510/30006BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS12/BDAJC	M38510/30006BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS122/BCAJC	M38510/31403BCA	1 (0)	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
54LS122/BCAJC	7600301CA	1 (0)	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
54LS122/BDAJC	M38510/31403BDA	1 (0)	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, WITH CLEAR	Motorola
54LS123	M38510/31401BEA	1 (1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
54LS123	M38510/31401B2A	1 (1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
54LS123	M38510/31401BFA	1 (1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
54LS123/BEAJC	M38510/31401BEA	1 (0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
54LS123/BEAJC	7603901EA	1 (0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
54LS123/BFAJC	7603901FA	1 (0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
54LS123/BFAJC	M38510/31401BFA	1 (0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
54LS123M/B2AJC	M38510/31401B2A	1 (0)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	Motorola
54LS125A	M38510/32301B2A	1 (0)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS125A	M38510/32301BCA	1 (0)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS125A	M38510/32301BDA	1 (0)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS125A/BCAJC	M38510/32301BCA	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS125A/BDAJC	M38510/32301BDA	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS125AM/B2AJC	M38510/32301B2A	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS126/BCAJC	M38510/32302BCA	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS13/BCAJC	M38510/31301BCA	1 (0)	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	Motorola
54LS132/BCAJC	M38510/31303BCA	1 (0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
54LS132/BCAJC	7600401RA	1 (0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
54LS132/BDAJC	M38510/31303BDA	1 (0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	Motorola
54LS138	M38510/30701B2A	1 (1)	DECODER, 3-TO-8-LINE	T.I.
54LS138	M38510/30701BEA	1 (1)	DECODER, 3-TO-8-LINE	T.I.
54LS138	M38510/30701BFA	1 (1)	DECODER, 3-TO-8-LINE	T.I.
54LS138/BEAJC	M38510/30701BEA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS138/BEAJC	7600501EA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS138/BFAJC	M38510/30701BFA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS138/BFAJC	7600501FA	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS138M/B2AJC	M38510/30701B2A	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS138M/B2AJC	76005012A	1 (0)	DECODER, 3-TO-8-LINE	Motorola
54LS139/BEAJC	M38510/30702BEA	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS139/BEAJC	7600701EA	1	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS139/BFAJC	M38510/30702BFA	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS139/BFAJC	7600701FA	1	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS139A	M38510/30702B2A	1 (1)	DECODER, DUAL 2-TO-4-LINE	T.I.
54LS139A	M38510/30702BFA	1 (1)	DECODER, DUAL 2-TO-4-LINE	T.I.
54LS139A	M38510/30702BEA	1 (1)	DECODER, DUAL 2-TO-4-LINE	T.I.
54LS139M/B2AJC	M38510/30702B2A	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS139M/B2AJC	76007012A	1	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS14/BCAJC	M38510/31302BCA	1 (0)	HEX INVERTER, SCHMITT TRIGGER	Motorola
54LS14/BCAJC	M38510/31302BDA	1 (0)	HEX INVERTER, SCHMITT TRIGGER	Motorola
54LS148	M38510/36001B2A	1 (<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
54LS148	M38510/36001BEA	1 (<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
54LS14M/BDAJC	M38510/31302B2A	1 (0)	HEX INVERTER, SCHMITT TRIGGER	Motorola
54LS15/BCAJC	M38510/31002BCA	1 (0)	AND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR INPUTS	Motorola
54LS151	M38510/30901BEA	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
54LS151	M38510/30901BFA	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
54LS151	M38510/30901B2A	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
54LS151/BEAJC	M38510/30901BEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54LS151/BFAJC	M38510/30901BFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54LS151M/B2AJC	M38510/30901B2A	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	Motorola
54LS153	M38510/30902BEA	1 (1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54LS153	M38510/30902B2A	1 (1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54LS153	M38510/30902BFA	1 (1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54LS153/BEAJC	M38510/30902BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54LS153/BEAJC	7601101EA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54LS153/BFAJC	M38510/30902BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54LS153M/B2AJC	M38510/30902B2A	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Motorola
54LS155/BEAJC	M38510/32601BEA	1 (0)	DECODER, DUAL 2-TO-4-LINE	Motorola
54LS157	M38510/30903BEA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54LS157	M38510/30903BFA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54LS157	M38510/30903B2A	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54LS157/BEAJC	M38510/30903BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54LS157/BEAJC	7600201EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54LS157/BFAJC	M38510/30903BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54LS157/BFAJC	7600201FA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54LS157M/B2AJC	M38510/30903B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS157M/B2AJC	76002012A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Motorola
54LS158/BEAJC	7603301EA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	Motorola
54LS158/BEAJC	M38510/30904BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	Motorola
54LS160A	M38510/31503B2A	2 (2)	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
54LS160A	M38510/31503BEA	2 (2)	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
54LS160A/BEAJC	M38510/31503BEA	4 (4)	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS160A/BEAJC	7700901EA	4 (4)	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS161A	M38510/31504BEA	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
54LS161A	M38510/31504BFA	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
54LS161A	M38510/31504B2A	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
54LS161A/BEAJC	7600801EA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS161A/BEAJC	M38510/31504BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS161A/BFAJC	M38510/31504BFA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS161A/BFAJC	7600801FA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS161AM/B2AJC	M38510/31504B2A	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS162A/BEAJC	M38510/31511BEA	2	DECADE COUNTER, 4-BIT SYNCHRONOUS	Motorola
54LS163A	M38510/31512BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54LS163A	M38510/31512B2A	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54LS163A	M38510/31512BFA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
54LS163A/BEAJC	M38510/31512BEA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
54LS163A/BEAJC	7603401EA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
54LS163A/BFAJC	7603401FA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
54LS163A/BFAJC	M38510/31512BFA	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
54LS163AM/B2AJC	76034012A	2 (2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Motorola
54LS164	M38510/30605BDA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
54LS164	M38510/30605BCA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
54LS164	M38510/30605B2A	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	T.I.
54LS164/BCAJC	M38510/30605BCA	2 (2)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
54LS164/BD AJC	M38510/30605BDA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
54LS164M/B2AJC	M38510/30605B2A	2 (2)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	Motorola
54LS165/BEAJC	7700601EA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
54LS165/BEAJC	M38510/30608BEA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
54LS165/BEAJC	M38510/30608BFA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
54LS165/BFAJC	7700601FA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
54LS165A	M38510/30608BEA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
54LS165A	M38510/30608B2A	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
54LS165A	M38510/30608BFA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
54LS165M/B2AJC	M38510/30608B2A	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	Motorola
54LS166/BEAJC	M38510/30609BEA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
54LS166/BEAJC	8001701EA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
54LS166/BFAJC	M38510/30609BFA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
54LS166/BFAJC	8001701FA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	Motorola
54LS166A	M38510/30609B2A	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
54LS166A	M38510/30609BEA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
54LS166A	M38510/30609BFA	1 (<2)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
54LS173A	M38510/36101BEA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54LS173A	M38510/36101B2A	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54LS174	M38510/30106B2A	1 (.5)	FLIP-FLOP, D-TYPE, HEX	T.I.
54LS174	M38510/30106BEA	1 (.5)	FLIP-FLOP, D-TYPE, HEX	T.I.
54LS174	M38510/30106BFA	1 (.5)	FLIP-FLOP, D-TYPE, HEX	T.I.
54LS174/BEAJC	M38510/30106BEA	1 (0)	FLIP-FLOP, D-TYPE, HEX	Motorola
54LS174/BFAJC	M38510/30106BFA	1 (0)	FLIP-FLOP, D-TYPE, HEX	Motorola
54LS175	M38510/30107BEA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54LS175	M38510/30107BFA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54LS175	M38510/30107B2A	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54LS175/BEAJC	M38510/30107BEA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54LS175/BFAJC	M38510/30107BFA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54LS175M/B2AJC	M38510/30107B2A	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	Motorola
54LS190/BEAJC	M38510/31513BEA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	Motorola
54LS191	M38510/31509B2A	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
54LS191	M38510/31509BEA	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
54LS191	M38510/31509BFA	3 (4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	T.I.
54LS191/BEAJC	M38510/31509BEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	Motorola
54LS191/BEAJC	7600901EA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	Motorola
54LS191/BFAJC	M38510/31509BFA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	Motorola
54LS191M/B2AJC	M38510/31509B2A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	Motorola

TABLE II
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54LS192	7603601FA	2(2.0)	MODE CONTROL DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
54LS192	76036012A	2(2.0)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
54LS192	7603601EA	2(2.0)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	T.I.
54LS192/BEAJC	M38510/31507BEA	1(0)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	Motorola
54LS192/BEAJC	7603601EA	1(0)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	Motorola
54LS193	M38510/31508BEA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
54LS193	M38510/31508BFA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
54LS193	M38510/31508B2A	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
54LS193/BEAJC	7600601EA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
54LS193/BEAJC	M38510/31508BEA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
54LS193/BFAJC	M38510/31508BFA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Motorola
54LS194A	M38510/30601BFA	1(<2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
54LS194A	M38510/30601B2A	1(<2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
54LS194A	M38510/30601BEA	1(<2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
54LS194A/BEAJC	M38510/30601BEA	1(0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	Motorola
54LS194A/BFAJC	M38510/30601BFA	1(0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	Motorola
54LS195A	M38510/30602BEA	1(<2)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
54LS195A	M38510/30602BFA	1(<2)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
54LS195A	M38510/30602B2A	1(<2)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
54LS195A/BEAJC	M38510/30602BEA	1(0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	Motorola
54LS195A/BFAJC	M38510/30602BFA	1(0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	Motorola
54LS20	M38510/30007B2A	1(<2)	NAND GATE, DUAL 4-INPUT	T.I.
54LS20	M38510/30007BDA	1(<2)	NAND GATE, DUAL 4-INPUT	T.I.
54LS20	M38510/30007BCA	1(<2)	NAND GATE, DUAL 4-INPUT	T.I.
54LS20/BCAJC	M38510/30007BCA	1(0)	NAND GATE, DUAL 4-INPUT	Motorola
54LS20/BDAJC	M38510/30007BDA	1(0)	NAND GATE, DUAL 4-INPUT	Motorola
54LS21	M38510/31003BDA	1(0)	AND GATE, DUAL 4-INPUT	T.I.
54LS21	M38510/31003B2A	1(0)	AND GATE, DUAL 4-INPUT	T.I.
54LS21	M38510/31003BCA	1(0)	AND GATE, DUAL 4-INPUT	T.I.
54LS21/BCAJC	M38510/31003BCA	1(0)	AND GATE, DUAL 4-INPUT	Motorola
54LS21/BDAJC	M38510/31003BDA	1(0)	AND GATE, DUAL 4-INPUT	Motorola
54LS22/BCAJC	M38510/30008BCA	1(0)	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS221	M38510/31402BFA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	T.I.
54LS221	M38510/31402B2A	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	T.I.
54LS221	M38510/31402BEA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	T.I.
54LS221/BEAJC	7604201EA	1(0)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	Motorola
54LS221/BEAJC	M38510/31402BEA	1(0)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	Motorola
54LS221/BFAJC	M38510/31402BFA	1(0)	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	Motorola
54LS240	M38510/32401BSA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS240	M38510/32401B2A	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS240	M38510/32401BRA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS240/BRAJC	M38510/32401BRA	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS240/BRAJC	7801201RA	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS240/BSAJC	M38510/32401BSA	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS240M/B2AJC	78012012A	1	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS240M/B2AJC	M38510/32401B2A	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS241	M38510/32402BRA	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS241	M38510/32402BSA	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS241	M38510/32402B2A	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS241/BRAJC	M38510/32402BRA	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS242	8002001CA	1(.5)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS242	8002001DA	1(.5)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS242	80020012A	1(.5)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS242/BCAJC	8002001CA	1(0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS242/BCAJC	M38510/32801BCA	1(0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS242/BDAJC	M38510/32801BDA	1(0)	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS242/BDAJC	8002001DA	1	BUS TRANSCEIVER, QUAD, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS243/BCAJC	8002002CA	1(0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS243/BCAJC	M38510/32802BCA	1(0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS243/BDAJC	M38510/32802BDA	1(0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS243M/B2AJC	80020022A	1(0)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS244	M38510/32403B2A	1 (. 5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS244	M38510/32403BRA	1 (. 5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS244	M38510/32403BSA	1 (. 5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS244/BRAJC	7705701RA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS244/BRAJC	M38510/32403BRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS244/BSAJC	7705701SA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS244/BSAJC	M38510/32403BSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS244M/B2AJC	M38510/32403B2A	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS245	M38510/32803BRA	1 (1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS245	M38510/32803BEA	1 (1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS245	M38510/32803B2A	1 (1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS245/BRAJC	M38510/32803BRA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS245/BSAJC	M38510/32803BSA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS245/BSAJC	8002101SA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS245M/B2AJC	M38510/32803B2A	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS245M/B2AJC	80021012A	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS251	M38510/30905BFA	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS251	M38510/30905B2A	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS251	M38510/30905BEA	1 (<2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS251/BEAJC	7601601EA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS251/BEAJC	M38510/30905BEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS251/BFAJC	M38510/30905BFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS253	M38510/30908BFA	1 (<2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS253	M38510/30908B2A	1 (<2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS253	M38510/30908BEA	1 (<2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
54LS253/BEAJC	M38510/30908BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS253/BEAJC	7601701EA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS253/BFAJC	M38510/30908BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	Motorola
54LS257/BEAJC	7603701EA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
54LS257A/BEAJC	M38510/30906BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
54LS257A/BFAJC	M38510/30906BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
54LS257AM/B2AJC	M38510/30906B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	Motorola
54LS257B	M38510/30906BEA	3 (4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
54LS257B	M38510/30906B2A	3 (4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
54LS257B	M38510/30906BFA	3 (4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
54LS258A/BEAJC	7603801EA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	Motorola
54LS258A/BEAJC	M38510/30907BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	Motorola
54LS258B	M38510/30907BFA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
54LS258B	M38510/30907BEA	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
54LS258B	M38510/30907B2A	2 (2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
54LS259/BEAJC	M38510/31603BEA	1 (0)	LATCH, 8-BIT ADDRESSABLE	Motorola
54LS259/BFAJC	M38510/31603BFA	1 (0)	LATCH, 8-BIT ADDRESSABLE	Motorola
54LS259B	M38510/31605B2A	1 (0)	LATCH, 8-BIT ADDRESSABLE	T.I.
54LS259B	M38510/31605BEA	1 (0)	LATCH, 8-BIT ADDRESSABLE	T.I.
54LS26	M38510/32102B2A	1 (<2)	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54LS26	M38510/32102BCA	1 (<2)	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54LS26/BCAJC	M38510/32102BCA	2 (2)	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS266/BCAJC	M38510/30303BCA	1 (0)	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	Motorola
54LS27	M38510/30302B2A	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
54LS27	M38510/30302BDA	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
54LS27	M38510/30302BCA	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
54LS27/BCAJC	M38510/30302BCA	1 (0)	NOR GATE, TRIPLE 3-INPUT	Motorola
54LS27/DDAJC	M30510/30302DDA	1 (0)	NOR GATE, TRIPLE 3-INPUT	Motorola
54LS273	M38510/32501B2A	1 (<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
54LS273	M38510/32501BRA	1 (<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
54LS273	M38510/32501BSA	1 (<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
54LS273/BRAJC	M38510/32501BRA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
54LS273/BRAJC	7801001RA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS273/BSAJC	M38510/32501BSA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
54LS273/BSAJC	7801001SA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
54LS273M/B2AJC	M38510/32501B2A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
54LS273M/B2AJC	78010012A	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Motorola
54LS279/BFAJC	7601801EA	1(0)	LATCH, RS, 4-BIT	Motorola
54LS279/BEAJC	M38510/31602BEA	1(0)	LATCH, RS, 4-BIT	Motorola
54LS279M/B2AJC	76018012A	1(0)	LATCH, RS, 4-BIT	Motorola
54LS279M/BFAJC	M38510/31602B2A	1(0)	LATCH, RS, 4-BIT	Motorola
54LS28/BCAJC	M38510/30204BCA	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	Motorola
54LS280	M38510/32901B2A	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
54LS280	M38510/32901BDA	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
54LS280	M38510/32901BCA	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
54LS280/BCAJC	M38510/32901BCA	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54LS280/BDAJC	M38510/32901BDA	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54LS280M/B2AJC	M38510/32901B2A	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	Motorola
54LS283	M38510/31202BFA	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
54LS283	M38510/31202B2A	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
54LS283	M38510/31202BEA	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
54LS283/BEAJC	M38510/31202BEA	1(0)	ADDER, 4-BIT FULL, WITH FAST CARRY	Motorola
54LS283/BEAJC	7604301EA	1(0)	ADDER, 4-BIT FULL, WITH FAST CARRY	Motorola
54LS293	M38510/32004BCA	1(1)	BINARY COUNTER, 4-BIT	T.I.
54LS293	M38510/32004B2A	1(1)	BINARY COUNTER, 4-BIT	T.I.
54LS298/BEAJC	M38510/30909BEA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
54LS298/BEAJC	7601901EA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
54LS298/BFAJC	7601901FA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
54LS298/BFAJC	M38510/30909BFA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	Motorola
54LS30	M38510/30009BCA	3(4)	NAND GATE, 8-INPUT	T.I.
54LS30	M38510/30009B2A	3(4)	NAND GATE, 8-INPUT	T.I.
54LS30	M38510/30009BDA	3(4)	NAND GATE, 8-INPUT	T.I.
54LS30/BCAJC	M38510/30009BCA	1(0)	NAND GATE, 8-INPUT	Motorola
54LS30/BDAJC	M38510/30009BDA	1(0)	NAND GATE, 8-INPUT	Motorola
54LS32	M38510/30501BCA	1(0)	OR GATE, QUAD 2-INPUT	T.I.
54LS32	M38510/30501B2A	1(0)	OR GATE, QUAD 2-INPUT	T.I.
54LS32	M38510/30501BDA	1(0)	OR GATE, QUAD 2-INPUT	T.I.
54LS32/BCAJC	M38510/30501BCA	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54LS32/BDAJC	M38510/30501BDA	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54LS32M/B2AJC	M38510/30501B2A	1(0)	OR GATE, QUAD 2-INPUT	Motorola
54LS348	M38510/36002BEA	1(<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE, TS	T.I.
54LS348	M38510/36002B2A	1(<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE, TS	T.I.
54LS365A	M38510/32201BFA	1(<2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS365A	M38510/32201B2A	1(<2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS365A	M38510/32201BEA	1(<2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS365A/BEAJC	M38510/32201BEA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS365A/BFAJC	M38510/32201BFA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS366A/BEAJC	M38510/32202BEA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS367A	M38510/32203B2A	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS367A	M38510/32203BFA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS367A	M38510/32203BEA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS367A/BEAJC	M38510/32203BEA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS367A/BFAJC	M38510/32203BFA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Motorola
54LS368A/BEAJC	M38510/32204BEA	1(0)	BUS DRIVER, HEX	Motorola
54LS37/BCAJC	M38510/30202BCA	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	Motorola
54LS37/BDAJC	M38510/30202BDA	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	Motorola
54LS373	M38510/32502B2A	1(.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS373	M38510/32502BRA	1(.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS373	M38510/32502BSA	1(.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
54LS373/BRAJC	M38510/32502BRA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS373/BSAJC	M38510/32502BSA	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS373M/B2AJC	M38510/32502B2A	1(0)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Motorola
54LS374	M38510/32503BSA	1(.5)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
54LS374	M38510/32503B2A	1(.5)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
54LS374	M38510/32503BRA	1(.5)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
54LS374/BRAJC	7801101RA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
54LS374/DRAJC	M38510/32503DRA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
54LS374/BSAJC	7801101SA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
54LS374/BSAJC	M38510/32503BSA	1(0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS374M/B2AJC	78011012A	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
54LS374M/B2AJC	M38510/32503B2A	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, POSITIVE EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	Motorola
54LS375/BEAJC	M38510/31604BEA	2 (2)	LATCH, 4-BIT, BISTABLE	Motorola
54LS375/BFAJC	M38510/31604BFA	1 (0)	LATCH, 4-BIT, BISTABLE	Motorola
54LS377	M38510/32504B2A	1 (<2)	FLIP-FLOP, D-TYPE, 8-BIT	T.I.
54LS377	M38510/32504BRA	1 (<2)	FLIP-FLOP, D-TYPE, 8-BIT	T.I.
54LS377/BRAJC	M38510/32504BRA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT	Motorola
54LS377/BSAJC	M38510/32504BSA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT	Motorola
54LS38	M38510/30203B2A	1 (.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54LS38	M38510/30203BCA	1 (.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54LS38	M38510/30203BDA	1 (.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54LS38/BCAJC	M38510/30203BCA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS38/BDAJC	M38510/30203BDA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS38M/B2AJC	M38510/30203B2A	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS390	M38510/32701BEA	1 (.5)	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
54LS390	M38510/32701B2A	1 (.5)	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
54LS390/BEAJC	7802601EA	1 (0)	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	Motorola
54LS393	M38510/32702BDA	1 (0)	BINARY COUNTER, DUAL 4-BIT	T.I.
54LS393	M38510/32702B2A	1 (0)	BINARY COUNTER, DUAL 4-BIT	T.I.
54LS393	M38510/32702BCA	1 (0)	BINARY COUNTER, DUAL 4-BIT	T.I.
54LS393/BCAJC	M38510/32702BCA	1 (0)	BINARY COUNTER, DUAL 4-BIT	Motorola
54LS393/BDAJC	M38510/32702BDA	1 (0)	BINARY COUNTER, DUAL 4-BIT	Motorola
54LS393M/B2AJC	M38510/32702B2A	1 (0)	BINARY COUNTER, DUAL 4-BIT	Motorola
54LS395A	M38510/30607BEA	1 (<2)	SHIFT REGISTER, 4-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
54LS395A	M38510/30607B2A	1 (<2)	SHIFT REGISTER, 4-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
54LS40/BCAJC	M38510/30201BCA	1 (0)	BUFFER/DRIVER, NAND, DUAL 4-INPUT	Motorola
54LS40/BDAJC	M38510/30201BDA	1 (0)	BUFFER/DRIVER, NAND, DUAL 4-INPUT	Motorola
54LS42A/BEAJC	7603101EA	1 (0)	DECODER, BCD-TO-DECIMAL	Motorola
54LS42A/BEAJC	M38510/30703BEA	1 (0)	DECODER, BCD-TO-DECIMAL	Motorola
54LS42A/BFAJC	M38510/30703BFA	1 (0)	DECODER, BCD-TO-DECIMAL	Motorola
54LS47/BEAJC	M38510/30704BEA	1 (0)	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS47/BEAJC	7604501EA	1 (0)	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	Motorola
54LS51	M38510/30401B2A	1 (0)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54LS51	M38510/30401BCA	1 (0)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54LS51	M38510/30401BDA	1 (0)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54LS51/BCAJC	M38510/30401BCA	1 (0)	AND-OR-INVERT GATE, DUAL 2-WIDE	Motorola
54LS51/BDAJC	M38510/30401BDA	1 (0)	AND-OR-INVERT GATE, DUAL 2-WIDE	Motorola
54LS540	M38510/32404B2A	1 (<2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS540	M38510/32404BRA	1 (<2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS541	M38510/32405BRA	1 (<2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS541	M38510/32405B2A	1 (<2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
54LS670/BEAJC	M38510/31901BEA	1 (0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
54LS670/BEAJC	7704201EA	1 (0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
54LS670/BFAJC	7704201FA	1 (0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
54LS670/BFAJC	M38510/31901BFA	1 (0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
54LS670M/B2AJC	M38510/31901B2A	1 (0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	Motorola
54LS73A/BCAJC	M38510/30101BCA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS73A/BDAJC	M38510/30101BDA	1 (0)	FLIP-FLOP, JK, DUAL	Motorola
54LS74A	M38510/30102BCA	3 (4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54LS74A	M38510/30102B2A	3 (4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54LS74A	M38510/30102BDA	3 (4)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54LS74A/BCAJC	M38510/30102BCA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54LS74A/BDAJC	M38510/30102BDA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54LS74AM/B2AJC	M38510/30102B2A	1 (0)	FLIP-FLOP, D-TYPE, DUAL	Motorola
54LS75	M38510/31601BEA	1 (1)	LATCH, 4-BIT, BISTABLE	T.I.
54LS75	M38510/31601BFA	1 (1)	LATCH, 4-BIT, BISTABLE	T.I.
54LS75/BEAJC	M38510/31601BEA	1 (0)	LATCH, 4-BIT, BISTABLE	Motorola
54LS75/BEAJC	7601201EA	1 (0)	LATCH, 4-BIT, BISTABLE	Motorola
54LS75/BFAJC	M38510/31601BFA	1 (0)	LATCH, 4-BIT, BISTABLE	Motorola
54LS75/BFAJC	7601201FA	1 (0)	LATCH, 4-BIT, BISTABLE	Motorola
54LS76A	M38510/30110BFA	1 (<2)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
54LS76A	7601301FA	1 (<2)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
54LS76A	76013012A	1 (<2)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
54LS76A	M38510/30110BEA	1 (<2)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.
54LS76A	7601301EA	1 (<2)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	T.I.

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APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54LS76A/BEAJC	M38510/30110BEA	1(0)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	Motorola
54LS76A/BFAJC	M38510/30110BFA	1(0)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	Motorola
54LS83A	7601401FA	1(<5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
54LS83A	7601401EA	1(<5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
54LS85	M38510/31101BEA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	T.I.
54LS85	M38510/31101BFA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	T.I.
54LS85	M38510/31101B2A	1(0)	MAGNITUDE COMPARATOR, 4-BIT	T.I.
54LS85/BEAJC	M38510/31101BEA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	Motorola
54LS85/BFAJC	M38510/31101BFA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	Motorola
54LS85M/BEAJC	M38510/31101B2A	1(0)	MAGNITUDE COMPARATOR, 4-BIT	Motorola
54LS86/BCAJC	M38510/30502BCA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54LS86/BD AJC	M38510/75002BDA	1(0)	NAND GATE, TRIPLE 3-INPUT	Motorola
54LS86/BD AJC	M38510/30802BDA	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	Motorola
54LS86A	M38510/30502BCA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
54LS86A	M38510/30502BDA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
54LS86A	M38510/30502B2A	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
54LS86M/B2AJC	M38510/30502B2A	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54LS86M/B2AJC	M38510/30502BDA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Motorola
54LS90	M38510/31501BCA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
54LS92	M38510/31510BCA	1(<2)	COUNTER, DIVIDE-BY-12	T.I.
54LS93	M38510/31502BCA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
54LS95B	M38510/30603BCA	1(<2)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
54LS96	M38510/30604BEA	1(<2)	SHIFT REGISTER, 5-BIT	T.I.
54S00	M38510/07001BDA	1(1)	NAND GATE, QUAD 2-INPUT	T.I.
54S00	M38510/07001BCA	1(1)	NAND GATE, QUAD 2-INPUT	T.I.
54S02	M38510/07301BCA	1(<2)	NOR GATE, QUAD 2-INPUT	T.I.
54S03	M38510/07002BCA	1(1)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54S04	M38510/07003BDA	1(1)	HEX INVERTER	T.I.
54S04	M38510/07003BCA	1(1)	HEX INVERTER	T.I.
54S05	M38510/07004BCA	1(0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54S08	M38510/08003BCA	1(0)	AND GATE, QUAD 2-INPUT	T.I.
54S08	M38510/08003BDA	1(0)	AND GATE, QUAD 2-INPUT	T.I.
54S10	M38510/07005BDA	1(0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54S10	M38510/07005BCA	1(0)	NAND GATE, TRIPLE 3-INPUT	T.I.
54S11	M38510/08001BDA	1(<2)	AND GATE, TRIPLE 3-INPUT	T.I.
54S11	M38510/08001BCA	1(<2)	AND GATE, TRIPLE 3-INPUT	T.I.
54S112	M38510/07102BFA	1(0)	FLIP-FLOP, JK, DUAL	T.I.
54S112	M38510/07102BEA	1(0)	FLIP-FLOP, JK, DUAL	T.I.
54S133	M38510/07009BFA	1(1)	NAND GATE, 13 INPUT	T.I.
54S133	M38510/07009BEA	1(1)	NAND GATE, 13-INPUT	T.I.
54S138	M38510/07701BFA	1(<2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
54S138	M38510/07701BEA	1(<2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	T.I.
54S140	M38510/08101BDA	1(1)	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
54S140	M38510/08101BCA	1(1)	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
54S151	M38510/07901BFA	1(0)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
54S151	M38510/07901BEA	1(0)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
54S153	M38510/07902BFA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54S153	M38510/07902BEA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
54S157	M38510/07903BEA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54S157	M38510/07903BFA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54S158	M38510/07904BFA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54S158	M38510/07904BEA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
54S174	M38510/07105BFA	1(1)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54S174	M38510/07105BEA	1(1)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54S175	M38510/07106BEA	1(1)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
54S181	M38510/07801BJA	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
54S182	M38510/07802BEA	2(2)	LOOK AHEAD CARRY GENERATOR	T.I.
54S194	M38510/07601BEA	1(<.5)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
54S20	M38510/07006BDA	1(0)	NAND GATE, DUAL 4-INPUT	T.I.
54S20	M38510/07006BCA	1(0)	NAND GATE, DUAL 4-INPUT	T.I.
54S22	M38510/07007BCA	1(0)	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
54S251	M38510/07905BEA	1(<.5)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
54S257	M38510/07906BEA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
54S40	M38510/07201BCA	1(0)	BUFFER/DRIVER, NAND, DUAL 4-INPUT	T.I.
54S51	M38510/07401BCA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54S51	M38510/07401BDA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE	T.I.
54S64	M38510/07402BDA	1(1)	AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT	T.I.
54S64	M38510/07402BCA	1(1)	AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT	T.I.
54S74	M38510/07101BDA	1(1)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54S74	M38510/07101BCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	T.I.
54S85	M38510/08201BFA	1(1)	MAGNITUDE COMPARATOR, 4-BIT	T.I.
54S85	M38510/08201BEA	1(1)	MAGNITUDE COMPARATOR, 4-BIT	T.I.
54S86	M38510/07501BCA	1(<2)	EXCLUSIVE OR GATE, QUAD 2 INPUT	T.I.

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54S86	M38510/07501BDA	1(<2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
55107/BCAJC	M38510/10401BCA	1(0)	LINE RECEIVER, DUAL	Motorola
55107A	M38510/10401BCA	1(.5)	LINE RECEIVER, DUAL	T.I.
55107A	M38510/10401BDA	1(.5)	LINE RECEIVER, DUAL	T.I.
55108A	M38510/10402BCA	1(.5)	LINE RECEIVER, DUAL OC	T.I.
55113	M38510/10405BEA	3(4)	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
55114	M38510/10403BEA	2(2)	LINE DRIVER, DUAL DIFFERENTIAL	T.I.
55114	M38510/10403BFA	2(2)	LINE DRIVER, DUAL DIFFERENTIAL	T.I.
55115	M38510/10404BEA	1(1)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
55325FJAN	M38510/13001BFA	2	MEMORY CORE DRIVER, DUAL	Linfinity
55325JJAN	M38510/13001BEA	2	MEMORY CORE DRIVER, DUAL	Linfinity
55326JJAN	M38510/13002BEA	2	MEMORY CORE DRIVER, QUAD	Linfinity
55451	M38510/12902BPA	2(2)	PERIPHERAL DRIVER, DUAL AND	T.I.
55451BL	77049022A	1	PERIPHERAL DRIVER, DUAL AND	Linfinity
55452	M38510/12903DPA	3(4)	PERIPHERAL DRIVER, DUAL NAND	T.I.
55452BL	77049012A	1	PERIPHERAL DRIVER, DUAL NAND	Linfinity
55452BY	7704901PA	1	PERIPHERAL DRIVER, DUAL NAND	Linfinity
55452BYJAN	M38510/12903BPA	1	PERIPHERAL DRIVER, DUAL NAND	Linfinity
55454	M38510/12905BPA	1(1)	PERIPHERAL DRIVER, DUAL NOR	T.I.
55454BL	5962-8871501ZA	1	PERIPHERAL DRIVER, DUAL NOR	Linfinity
55462	M38510/12908BPA	2(2)	PERIPHERAL DRIVER, DUAL NAND	T.I.
55463	M38510/12909BPA	2(2)	PERIPHERAL DRIVER, DUAL OR	T.I.
55464L	5962-8871502ZA	2	PERIPHERAL DRIVER, DUAL NOR	Linfinity
55464Y	5962-8871502PA	2	PERIPHERAL DRIVER, DUAL NOR	Linfinity
55474L	5962-8871503ZA	2	PERIPHERAL DRIVER, DUAL NOR	Linfinity
55474Y	5962-8871503PA	2	PERIPHERAL DRIVER, DUAL NOR	Linfinity
56001-20/BYCJC	5962-8951201YC	2	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
56001-20/BZAJC	5962-8951201XA	2	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
56001A-20/BYCSC	5962-8951202YC	1	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
56001A-20/BZASC	5962-8951202XA	1	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
56001A-201/BZASC	5962-8951202XA	1	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	Motorola
56002-40/BCAJC	5962-9456401QXA	1	DIGITAL SIGNAL PROCESSOR, 24-BIT GENERAL PURPOSE	Motorola
6206C-100/BXAJC	5962-8866201XA	1(0)	STATIC RAM, 32K X 8, 100 NS ACCESS TIME	Motorola
6206C-55/BXAJC	5962-8866203XA	1(0)	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Motorola
6206C-70/BXAJC	5962-8866202XA	1(0)	STATIC RAM, 32K X 8, 70 NS ACCESS TIME	Motorola
6264C-35/BXAJC	5962-3829413MXA	1(0)	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Motorola
6264C-45/BXAJC	5962-3829411MXA	1(0)	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Motorola
6264C-55/BXAJC	5962-3829409MXA	1(0)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Motorola
6264C-55/BYAJC	5962-3829409MYA	1(0)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Motorola
6264C-70/BXAJC	5962-3829407MXA	1(0)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	Motorola
6264C-70/BYAJC	5962-3829407MYA	1(0)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	Motorola
6268-35/BYAJC	5962-8670503YA	1	STATIC RAM, 4K X 4, 35 NS ACCESS TIME	Motorola
6268-45/BRAJC	5962-8670505RA	1	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
6268-45/BUAJC	5962-8670505XA	1	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
6268-45/BYAJC	5962-8670505YA	1	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	Motorola
6268-55/BRAJC	5962-8670507RA	1	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	Motorola
6268-55/BUAJC	5962-8670507XA	1	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	Motorola
6268-70/BRAJC	5962-8670509RA	1	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	Motorola
6287-35/BXAJC	5962-8601501XA	1	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
62L87-35/BUAJC	5962-8601502ZA	2	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
62L87-35/BXAJC	5962-8601502XA	1(0)	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 35 NS ACCESS TIME	Motorola
62L87-45/BXAJC	5962-8601504XA	1	STATIC RAM, 64K X 1, WITH 3-STATE OUTPUTS, 45 NS ACCESS TIME	Motorola
68000-10/BUAJC	8202103ZA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-10/BXAJC	8202103YA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-10/BYCJC	8202103UC	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-10/BZAJC	8202103TA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-10T/BUAJC	8202103XA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-12/BXAJC	8202104YA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-12/BZAJC	8202104TA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-12BUAJC	8202104ZA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-12T/BUAJC	8202104XA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-8/BUAJC	8202102ZA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-8/BXAJC	8202102YA	1(0)	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-8/BYCJC	8202102UC	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-8/BZAJC	8202102TA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68000-8T/BUAJC	8202102XA	1	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	Motorola
68020-16/BYCJC	5962-8603202YC	1	MICROPROCESSOR, 32-BIT	Motorola
68020-16/BZAJC	5962-8603202XA	1	MICROPROCESSOR, 32-BIT	Motorola
68020-20/BYCJC	5962-8603203YC	1	MICROPROCESSOR, 32-BIT	Motorola

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
68020-20/BZAJC	5962-8603203XA	1	MICROPROCESSOR, 32-BIT	Motorola
68030-16/BYCJC	5962-8946401YC	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-16/BZAJC	5962-8946401XA	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-20/BYCJC	5962-8946402YC	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-20/BZAJC	5962-8946402XA	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-25/BYCJC	5962-8946403YC	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-25/BZAJC	5962-8946403XA	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-33/BYCJC	5962-8946404YC	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68030-33/BZAJC	5962-8946404XA	2	MICROPROCESSOR, 32-BIT ENHANCED	Motorola
68332-16/BYCJC	5962-9150101QYC	1	MICROCONTROLLER, 32-BIT, INTEGRATED	Motorola
68332-16/BZAJC	5962-9150101QZA	1	MICROCONTROLLER, 32-BIT, INTEGRATED	Motorola
68882-16/BYCJC	5962-8946301YC	1	COPROCESSOR, FLOATING-POINT, 16 MHZ	Motorola
68882-16/BZAJC	5962-8946301XA	1(0)	COPROCESSOR, FLOATING-POINT, 16 MHZ	Motorola
68882-20/BYCJC	5962-8946302YC	1(0)	COPROCESSOR, FLOATING-POINT, 20 MHZ	Motorola
68882-20/BZAJC	5962-8946302XA	1(0)	COPROCESSOR, FLOATING-POINT, 20 MHZ	Motorola
68882-25/BYCJC	5962-8946303YC	1(0)	COPROCESSOR, FLOATING-POINT, 25 MHZ	Motorola
68882-25/BZAJC	5962-8946303XA	1(0)	COPROCESSOR, FLOATING-POINT, 25 MHZ	Motorola
68882-33/BYCJC	5962-8946304YC	1(0)	COPROCESSOR, FLOATING-POINT, 33 MHZ	Motorola
68882-33/BZAJC	5962-8946304XA	1(0)	COPROCESSOR, FLOATING-POINT, 33 MHZ	Motorola
68902A/BYCJC	5962-9464201QYC	1	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
68902A/BZAJC	5962-9464201QZA	1	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
68902A/BZCJC	5962-9464201QZC	1	PERIPHERAL, ENHANCED MULTI-FUNCTIONAL	Motorola
68HC000-10/BXAJC	5962-8946202MYA	2	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
68HC000-10/BYCJC	5962-8946202MZC	2	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
68HC000-10/BZAJC	5962-8946202MUA	2	MICROPROCESSOR, 16-BIT, 10 MHZ	Motorola
68HC000-12/BXAJC	5962-8946203MYA	2	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
68HC000-12/BYCJC	5962-8946203MZC	2	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
68HC000-12/BZAJC	5962-8946203MUA	2	MICROPROCESSOR, 16-BIT, 12.5 MHZ	Motorola
68HC000-8/BXAJC	5962-8946201MYA	2	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
68HC000-8/BYCJC	5962-8946201MZC	2	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
68HC000-8/BZAJC	5962-8946201MUA	2	MICROPROCESSOR, 16-BIT, 8 MHZ	Motorola
68HC001-10/BZAJC	5962-8946205MUA	2	MICROPROCESSOR, 8/16-BIT, 10 MHZ	Motorola
68HC001-12/BZAJC	5962-8946206MUA	2	MICROPROCESSOR, 8/16-BIT, 12.5 MHZ	Motorola
68HC001-8/BZAJC	5962-8946204MUA	2	MICROPROCESSOR, 8/16-BIT, 8 MHZ	Motorola
68HC11A0/BXAJC	5962-9051001XA	1(0)	MICROCONTROLLER, 8-BIT, ROM AND EEPROM DISABLED, 256 BYTES RAM	Motorola
68HC11A0/BYCJC	5962-9051001YC	1(0)	MICROCONTROLLER, 8-BIT, ROM AND EEPROM DISABLED, 256 BYTES RAM	Motorola
68HC11A1/BXAJC	5962-9051002XA	1(0)	MICROCONTROLLER, 8-BIT, ROM DISABLED, 256 BYTES RAM, 512 BYTES EEPROM	Motorola
68HC11A1/BYCJC	5962-9051002YC	1(0)	MICROCONTROLLER, 8-BIT, ROM DISABLED, 256 BYTES RAM, 512 BYTES EEPROM	Motorola
68HC811E2/BXAJC	5962-8952701XA	1	MICROCONTROLLER, 8-BIT, EEPROM 2K BYTES, RAM 256 BYTES	Motorola
68HC811E2/BYCJC	5962-8952701YC	1	MICROCONTROLLER, 8-BIT, EEPROM 2K BYTES, RAM 256 BYTES	Motorola
723FJAN	M38510/10201BHA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
723JJAN	M38510/10201BCA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
723TJAN	M38510/10201BIA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linfinity
7705201EA	7705201EA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
7705201FA	7705201FA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
77053012A	77053012A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
7705301EA	7705301EA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
7705301FA	7705301FA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
7801401CA	7801401CA	1	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
7801401XA	7801401XA	1	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
7805AIG	5962-8778201UA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
7805AK	5962-8778201YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
7805AL	5962-8778201ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
7805AR	5962-8778201XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
7805AT	5962-8778201YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	Linfinity
7805KJAN	M38510/10706BYA	1	VOLT. REGULATOR, FIXED, POSITIVE	Linfinity
7805TJAN	M38510/10702BXA	1	VOLT. REGULATOR, FIXED, POSITIVE	Linfinity
7806AK	5962-8962601YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
7806AR	5962-8962601ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
7806AT	5962-8962601XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	Linfinity
7808AK	5962-8962801YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
7808AR	5962-8962801ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
7808AT	5962-8962801XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	Linfinity
7812AIG	5962-8777601UA	1	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
7812AK	5962-8777601YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
7812AL	5962-8777601ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
7812AR	5962-8777601XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 1/	MILITARY DRAWING PART NUMBER 2/	ESD LEVEL	PRODUCT DESCRIPTION 3/	SOURCE(S)
7812AT	5962-8777601XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	Linfinity
7812KJAN	M38510/10707BYA	1	VOLT. REGULATOR, FIXED, POSITIVE	Linfinity
7812TJAN	M38510/10703BXA	1	VOLT. REGULATOR, FIXED, POSITIVE	Linfinity
7815AIG	5962-8855301UA	1	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
7815AK	5962-8855301YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
7815AL	5962-8855301ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
7815AR	5962-8855301ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
7815AT	5962-8855301XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	Linfinity
7815KJAN	M38510/10708BYA	1	VOLT. REGULATOR, FIXED, POSITIVE	Linfinity
7824AK	5962-8855401YA	1	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
7824AR	5962-8855401ZA	1	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
7824AT	5962-8855401XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
7824AT (TO-39)	5962-8855401XA	1	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	Linfinity
7905AIG	5962-8874601UA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
7905AK	5962-8874601YA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
7905AL	5962-8874601ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
7905AR	5962-8874601ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
7905AT	5962-8874601XA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	Linfinity
7905KJAN	M38510/11505BYA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
7905TJAN	M38510/11501BXA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
7908AIG	5962-8987001UA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
7908AK	5962-8987001YA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
7908AR	5962-8987001ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
7908AT	5962-8987001XA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 8V	Linfinity
7912AK	5962-8874701YA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
7912AR	5962-8874701ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
7912AT	5962-8874701XA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
7912KJAN	M38510/11506BYA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
7912TJAN	M38510/11502BXA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
7915AIG	5962-8874801UA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
7915AK	5962-8874801YA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
7915AL	5962-8874801ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
7915AR	5962-8874801ZA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
7915AT	5962-8874801XA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	Linfinity
7915KJAN	M38510/11507BYA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
7915TJAN	M38510/11503BXA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
791AIG	5962-8874701UA	3	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	Linfinity
7924KJAN	M38510/11508BYA	3	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	Linfinity
80486DX-25	5962-9310501MYA		MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 25 MHZ	Intel
80486DX-25	5962-9310501MXA		MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 25 MHZ	Intel
80486DX-33	5962-9310502MYA		MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 33 MHZ	Intel
80486DX-33	5962-9310502MYA		MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 33 MHZ	Intel
80C31BH-16/BQA	8506403QA		MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	Philips
80C31BH-16/BUA	8506403XA	3	MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	Philips
80C31BH/BQA	8506401QA	3	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	Philips
80C31BH/BUA	8506401XA	3	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	Philips
80C51-16/BQA	8506404QA	3	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	Philips
80C51-16/BUA	8506404XA	3	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	Philips
80C51BH-BQA	8506402QA	3	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	Philips
80C51BH/BUA	8506402XA	3	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	Philips
82S100/BXA	M38510/50202BXA	1(0.5)	PROG. LOGIC DEVICE, 16 X 48 X 8	Philips
82S101/BXA	M38510/50201BXA	1(0.5)	PROG. LOGIC DEVICE, 16 X 48 X 8	Philips
82S115/BJA	M38510/20803BJA	1(0.5)	PROM, 512 X 8, WITH 3-STATE OUTPUTS	Philips
82S115/BKA	M38510/20803BKA	1(0.5)	PROM, 512 X 8, WITH 3-STATE OUTPUTS	Philips
82S123/BEA	M38510/20702BEA	1	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
82S123/BFA	M38510/20702BFA	1	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
82S123A/BEA	M38510/20704BEA	1	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
82S123A/BFA	M38510/20704BFA	1	PROM, 32 X 8, WITH 3-STATE OUTPUTS	Philips
82S126/BEA	M38510/20301BEA	1	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S126/BFA	M38510/20301BFA	1	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S126/BFA	M38510/20303BFA	1	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S126A/BEA	M38510/20303BEA	1	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S129/BEA	M38510/20302BEA	1	PROM, 256 X 4, WITH 3-STATE OUTPUTS	Philips
82S129/BFA	M38510/20302BFA	1	PROM, 256 X 4, WITH 3-STATE OUTPUTS	Philips
82S129A/BEA	M38510/20304BEA	1	PROM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Philips
82S129A/BFA	M38510/20304BFA	1	PROM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Philips
82S130/BEA	M38510/20401BEA	1	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S130/BFA	M38510/20401BFA	1	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S130A/BEA	M38510/20403BEA	1	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
82S130A/BFA	M38510/20403BFA	1	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S131/BEA	M38510/20402BEA	1	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
82S131/BFA	M38510/20402BFA	1	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
82S131A/BEA	M38510/20404BEA	1	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
82S131A/BFA	M38510/20404BFA	1	PROM, 512 X 4, WITH 3-STATE OUTPUTS	Philips
82S137/BVA	M38510/20602BVA	1(0.5)	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
82S137/BYA	M38510/20602BXA	1(0.5)	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
82S137A/BVA	M38510/20602BVA	1(0.5)	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
82S137A/BYA	M38510/20602BXA	1(0.5)	PROM, POWER-SWITCHED, 1K X 4, WITH 3-STATE OUTPUTS	Philips
82S141/BKA	M38510/20802BKA	1	PROM, 512 X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
82S181/BJA	M38510/20904BJA	1	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
82S181/BKA	M38510/20904BKA	1	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
82S181A/BJA	M38510/20909BJA	1	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
82S181A/BKA	M38510/20909BKA	1	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
82S185/BVA	M38510/20902BVA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Philips
82S185/BYA	M38510/20902BYA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Philips
82S185A/BVA	M38510/20910BVA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
82S185A/BYA	M38510/20910BYA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Philips
82S185B/BVA	M38510/20908BVA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
82S185B/BYA	M38510/20908BYA	1	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Philips
82S191/BJA	M38510/21002BJA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S191/BKA	M38510/21002BKA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S191/BLA	M38510/21002BLA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S191A/BJA	M38510/21004BJA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S191A/BKA	M38510/21004BKA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S191A/BLA	M38510/21004BLA	1	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Philips
82S23/BEA	M38510/20701BEA	1	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S23/BFA	M38510/20701BFA	1	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S23A/BEA	M38510/20703BEA	1	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
82S23A/BFA	M38510/20703BFA	1	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	Philips
8671602A	5962-86716022A	1	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Siliconix
867160EA	5962-8671602EA	1	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Siliconix
8767301CA	5962-8767301CA	1	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
8767301XA	5962-8767301XA	1	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
8768301IA	5962-8767301IA	1	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
8768901VA	5962-8768901VA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL LATCHABLE	Siliconix
87C51-16/BMA	5962-8768402MMA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C51-16/BQA	5962-8768402MQA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C51-16/BUA	5962-8768402MUA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C51/BMA	5962-8768401MMA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C51/BQA	5962-8768401MQA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C51/BUA	5962-8768401MUA	2	MICROCONTROLLER, 8-BIT, WITH 4K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C52-16/BMA	5962-9157602MMA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C52-16/BMA OT	5962-9157604MMA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C52-16/BQA OT	5962-9157604MQA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 16 MHZ)	Philips
87C52/BMA	5962-9157601MMA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C52/BOA	5962-9157601MOA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C52/BQA-OT	5962-9157601MQA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C52BMA-OT	5962-9157603MMA	1(0.5)	MICROCONTROLLER, 8-BIT, WITH 8K BYTES EPROM MEMORY (3.5 TO 12 MHZ)	Philips
87C552/BMA	5962-9233301MMA	1	MICROCONTROLLER, 8-BIT EPROM, WITH 10-BIT A/D, CAPTIVE/COMPARE TIMER	Philips
87C654-16/BMA	5962-9056404MA	1	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
87C654-16/BQA	5962-9056404XA	1	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
87C654/BMA	5962-9056403MA	1	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips
87C654/BQA	5962-9056403XA	1	CONTROLLER, 8-BIT, HIGH-PERFORMANCE, WITH 16K BYTES EPROM PROGRAM MEMORY	Philips

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APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
87C751/BLA	5962-9156601MLA	3	MICROCONTROLLER, 8-BIT, WITH 2K BYTES EPROM MEMORY	Philips
87C751/BLA OT	5962-9156602MLA	3	MICROCONTROLLER, 8-BIT, WITH 2K BYTES ONE-TIME PROGRAMMABLE EPROM MEMORY	Philips
87C752-16/BXA	5962-9157702MXA	3	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K EPROM MEMORY (3.5-16 MHZ)	Philips
87C752-16/BXA OT	5962-9157704MXA	3	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K 1-TIME PROGR. EPROM MEMORY (3.5-16MHZ)	Philips
87C752/BXA	5962-9157701MXA	3	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K EPROM MEMORY (3.5-12 MHZ)	Philips
87C752/BXA OT	5962-9157703MXA	3	MICROCONTROLLER, 8-BIT, WITH A/D, PWM, 2K 1-TIME PROGR. EPROM MEMORY (3.5-12MHZ)	Philips
88915-55/BYAJC	5962-9319601QYA	1	CLOCK DRIVER, LOW-SKEW PLL, 55 MHZ	Motorola
88915-55/BZAJC	5962-9319601QZA	1	CLOCK DRIVER, LOW-SKEW PLL, 55 MHZ	Motorola
89763012A	5962-8976301M2A	1	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
8976301EA	5962-8976301MEA	1	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
89961012A	5962-89961012A	1	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
8996101EA	5962-8996101EA	1	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
90569012A	5962-90569012A	1	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
9056901EA	5962-9056901EA	1	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
9068901EA	5962-9068901MEA	1	ANALOG SWITCH, SPDT, 2-CHANNEL, WITH BIPOLAR DRIVE	Siliconix
90731012A	5962-9073101M2A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9073101EA	5962-9073101MEA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
90731022A	5962-9073102M2A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9073102EA	5962-9073102MEA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
90731032A	5962-9073103M2A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9073103EA	5962-9073103MEA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9073701PA	5962-9073701MPA	1	ANALOG SWITCH, SPST, 1-CHANNEL	Siliconix
9073702PA	5962-9073702MPA	1	ANALOG SWITCH, SPST, 1-CHANNEL	Siliconix
9073703PA	5962-9073703MPA	1	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
92041012A	5962-9204101M2A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9204101EA	5962-9204101MEA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
92041022A	5962-9204102M2A	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9204102EA	5962-9204102MEA	1	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
9204201EA	5962-9204201MEA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Siliconix
9204202EA	5962-9204202MEA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Siliconix
93415/BEAJC	M38510/23101BEA	1(0)	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME	Motorola
93422/BWAJJC	M38510/23110BWA	1(0)	STATIC RAM, 256 X 4, WITH 3-STATE OUTPUTS, 60 NS ACCESS TIME	Motorola
93L422/BWAJJC	M38510/23112BWA	1(0)	STATIC RAM, 256 X 4, LOW-POWER, WITH 3-STATE OUTPUTS, 75 NS ACCESS TIME	Motorola
93L422A/BWAJJC	M38510/23115BWA	1(0)	STATIC RAM, 256 X 4, LOW-POWER, WITH 3-STATE OUTPUTS, 55 NS ACCESS TIME	Motorola
96002-33/BZAJC	5962-9315001MXA	1	PROCESSOR, FLOATING-POINT, 96-BIT, DUAL PORT	Motorola
AD532SD	M38510/13903BCA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD532SH	M38510/13903BIA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD534SD	M38510/13902BCA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD534SH	M38510/13902BIA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD534TD	M38510/13901BCA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD534TH	M38510/13901BIA	1(1)	ANALOG MULTIPLIER, 4-QUADRANT	Analog Devices
AD561SD	M38510/13301BEA	1(0.5)	D/A CONVERTER, 10-BIT	Analog Devices
AD562SD	M38510/12101BJA	1(1)	D/A CONVERTER, 12-BIT, EXTERNAL REFERENCE, 2 MA, FS	Analog Devices
AD565SD	M38510/12103BJA	1(0)	D/A CONVERTER, 12-BIT	Analog Devices
AD574ATD	M38510/14002BXA	1(0.5)	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Analog Devices
AD574AUD	M38510/14001BXA	1(0.5)	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Analog Devices
AD584SH	M38510/12801BGA	1(0.5)	VOLT. REFERENCE, PROGRAMMABLE	Analog Devices
AD584TH	M38510/12802BGA	1(0.5)	VOLT. REFERENCE, PROGRAMMABLE	Analog Devices
AD7524MPK	5962-87700012A	1(0)	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .5 LSB	T.I.
AD7524MJ	5962-8770001EA	1(0)	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .5 LSB	T.I.
ADC0802LJ/883	5962-9096601MRA	1(0)	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	National
ADC10061CMJ/883	5962-9232901QRX	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC10061CMJ/883	5962-9232901QRA	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC10062CMJ/883	5962-9232902QRA	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC10062CMJ/883	5962-9232902QJX	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC10064CMJ/883	5962-9232903QXX	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC10064CMJ/883	5962-9232903QXA	3	A/D CONVERTER, 10-BIT, SAMPLE AND HOLD, INPUT MUX	National
ADC12062MW/883	5962-9559301QXA	1	A/D CONVERTER, 12-BIT, 1 MHZ, .075W, W/INPUT MUX AND SAMPLE/HOLD	National
ADC1241CMJ/883	5962-9157801MXA	2	A/D CONVERTER, 12-BIT, SELF-CALIBRATING, WITH SAMPLE-AND-HOLD	National
ADC12441CMJ/883	5962-9157802MXA	2	A/D CONVERTER, 12-BIT, DYNAMICALLY-TESTED SELF-CALIBRATING, WITH SAMPLE-AND-HOLD	National
AH5010J/883	5962-9087801MCA	1	ANALOG SWITCH, 4-CHANNEL	National

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
AH5012J/883	5962-9088001MEA	1	ANALOG SWITCH, 4-CHANNEL	National
AM26C31MFKB	5962-9163901Q2A	2	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
AM26C31MJB	5962-9163901QEA	2	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
AM26C31MWB	5962-9163901QFA	2	LINE DRIVER, QUAD DIFFERENTIAL	T.I.
AM26C32MJB	5962-9164001QEA	2	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26C32MWB	5962-9164001QFA	2	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS32AMFKB	5962-7802003M2A	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS32AMJB	5962-7802003MEA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS32AMWB	5962-7802003MFA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS33AMFKB	5962-7802004M2A	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS33AMJB	5962-7802004MEA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
AM26LS33AMWB	5962-7802004MFA	1(0)	LINE RECEIVER, QUAD DIFFERENTIAL	T.I.
ATT3020-100N100MQ	5962-8994803QUX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 100 MHZ	AT & T
ATT3020-100R84MQ	5962-8994803QZX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 100 MHZ	AT & T
ATT3020-125N100MQ	5962-8994804QUX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 125 MHZ	AT & T
ATT3020-125R84MQ	5962-8994804QZX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 125 MHZ	AT & T
ATT3020-50N100MQ	5962-8994801QUX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 50 MHZ	AT & T
ATT3020-50R84MQ	5962-8994801QZX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 50 MHZ	AT & T
ATT3020-70N100MQ	5962-8994802QUX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 70 MHZ	AT & T
ATT3020-70R84MQ	5962-8994802QZX	1	PROG. LOGIC DEVICE, 2000 GATE, 8 X 8, 70 MHZ	AT & T
ATT3042-100N100MQ	5962-8971303QTX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
ATT3042-100R132MQ	5962-8971303QZX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 100 MHZ	AT & T
ATT3042-100R84MQ	5962-8971303QUX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
ATT3042-125N100MQ	5962-8971304QTX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
ATT3042-125R132MQ	5962-8971304QZX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
ATT3042-125R84MQ	5962-8971304QUX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 125 MHZ	AT & T
ATT3042-50N100MQ	5962-8971301QTX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
ATT3042-50R132MQ	5962-8971301QZX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
ATT3042-50R84MQ	5962-8971301QUX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 50 MHZ	AT & T
ATT3042-70N100MQ	5962-8971302QTX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
ATT3042-70R132MQ	5962-8971302QZX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
ATT3042-70R84MQ	5962-8971302QUX	1	PROG. LOGIC DEVICE, 4200 GATE, 12 X 12, 70 MHZ	AT & T
ATT3090-100N164MQ	5962-8982303QZX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 100 MHZ TOGGLE SPEED	AT & T
ATT3090-100R175MQ	5962-8982303OXX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 100 MHZ TOGGLE SPEED	AT & T
ATT3090-125N164MQ	5962-8982304QZX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 125 MHZ TOGGLE SPEED	AT & T
ATT3090-125R175MQ	5962-8982304QXX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 125 MHZ TOGGLE SPEED	AT & T
ATT3090-50N164MQ	5962-8982301QZX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 50 MHZ TOGGLE SPEED	AT & T
ATT3090-50R175MQ	5962-8982301QXX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 50 MHZ TOGGLE SPEED	AT & T
ATT3090-70N164MQ	5962-8982302QZX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 70 MHZ TOGGLE SPEED	AT & T
ATT3090-70R175MQ	5962-8982302QXX	1	PROG. LOGIC DEVICE, 9000-GATE, 16X20, 70 MHZ TOGGLE SPEED	AT & T
CD14538BF3A	5962-9055701EA	1	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE, PRECISION	Harris
CD4000AFB	M38510/05201BCA	1(.5)	NOR GATE, DUAL 3-INPUT	Harris
CD4001AFB	M38510/05202BCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BFB	M38510/05252BCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BFBH	M38510H05252BCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BFBR	M38510R05252BCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BFSH	M38510H05252SCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BFSR	M38510R05252SCA	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BQBH	M38510H05252BTC	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BQBR	M38510R05252BTC	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BQSH	M38510H05252STC	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4001BQSR	M38510R05252STC	1(.5)	NOR GATE, QUAD 2-INPUT	Harris
CD4002BF3A	7704403CA	1	NOR GATE, 8-INPUT	Harris
CD4002BFBH	M38510H05253BCA	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BFBR	M38510R05253BCA	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BFSH	M38510H05253SCA	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BFSR	M38510R05253SCA	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BQBH	M38510H05253BTC	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BQBR	M38510R05253BTC	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BQSH	M38510H05253STC	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4002BQSR	M38510R05253STC	1(.5)	NOR GATE, DUAL 4-INPUT	Harris
CD4007UBFBH	M38510H05351BCA	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBFBR	M38510R05351BCA	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBFSH	M38510H05351SC	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBFSR	M38510R05351SCA	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBQBH	M38510H05351BTC	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBQBR	M38510R05351BTC	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBQSH	M38510H05351STC	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4007UBQSR	M38510R05351STC	1(.5)	COMPLIMENTARY PAIR, DUAL	Harris
CD4008BFBR	M38510R05451BEA	1(1.5)	ADDER, 4-BIT FULL	Harris
CD4008BFSR	M38510R05451SEA	1(1.5)	ADDER, 4-BIT FULL	Harris
CD4008BQBR	M38510R05451BNC	1(1.5)	ADDER, 4-BIT FULL	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4008BQSR	M38510R05451SNC	1(1.5)	ADDER, 4-BIT FULL	Harris
CD40106BMJ/883	5962-8550101CA	1(0)	HEX INVERTER, SCHMITT TRIGGER	National
CD4011AFB	M38510/05001BCA	1(.4)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BFB	M38510/05051BCA	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BFBH	M38510H05051BCA	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BFBR	M38510R05051BCA	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BFSH	M38510H05051SCA	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BFSR	M38510R05051SCA	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BQBH	M38510H05051BTC	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BQBR	M38510R05051BTC	1(.5)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4011BQSH	M38510H05051STC	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4011BQSR	M38510R05051STC	1(.5)	NAND GATE, QUAD 2-INPUT	Harris
CD4012BFB	M38510/05052BCA	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BFBH	M38510H05052BCA	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BFBR	M38510R05052BCA	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BFSH	M38510H05052SCA	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BFSR	M38510R05052SCA	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BQBH	M38510H05052BTC	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BQBR	M38510R05052BTC	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BQSH	M38510H05052STC	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4012BQSR	M38510R05052STC	1(.5)	NAND GATE, DUAL 4-INPUT	Harris
CD4013AFB	M38510/05101BCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BFB	M38510/05151BCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BFBH	M38510H05151BCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BFBR	M38510R05151BCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BFSH	M38510H05151SCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BFSR	M38510R05151SCA	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BMJ/883	7901101CA	1	FLIP-FLOP, D-TYPE, DUAL	National
CD4013BMW/883	7901101DA	1	FLIP-FLOP, D-TYPE, DUAL	National
CD4013BQBH	M38510H05151BTC	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BQBR	M38510R05151BTC	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BQSH	M38510H05151STC	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4013BQSR	M38510R05151STC	1(1)	FLIP-FLOP, D-TYPE, DUAL	Harris
CD4014BFBH	M38510H05752BEA	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BFSH	M38510R05752BEA	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BFSR	M38510H05752SEA	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BFSH	M38510R05752SEA	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BQBH	M38510H05752BNC	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BQBR	M38510R05752BNC	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BQSH	M38510H05752SNC	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4014BQSR	M38510R05752SNC	1(1.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	Harris
CD4015BFBH	M38510H05753BEA	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BFBR	M38510R05753BEA	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BFSH	M38510H05753SEA	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BFSR	M38510R05753SEA	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BQBH	M38510H05753BNC	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BQBR	M38510R05753BNC	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BQSH	M38510H05753SNC	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4015BQSR	M38510R05753SNC	1(1.5)	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD4016BF3A	5962-9064001CA	1	BILATERAL SWITCH, QUAD	Harris
CD40174BMJ/883B	8202201EA	1	FLIP-FLOP, D-TYPE, HEX	National
CD40174BMW/883B	8202201FA	1(0)	FLIP-FLOP, D-TYPE, HEX	National
CD4017AFB	M38510/05601BEA	1(1.5)	DECADE COUNTER	Harris
CD4017BFB	M38510/05651BEA	1(1.5)	DECADE COUNTER	Harris
CD4017BFBH	M38510H05651BEA	1(1.5)	DECADE COUNTER	Harris
CD4017BFBR	M38510R05651BEA	1(1.5)	DECADE COUNTER	Harris
CD4017BFSH	M38510H05651SEA	1(1.5)	DECADE COUNTER	Harris
CD4017BFSR	M38510R05651SEA	1(1.5)	DECADE COUNTER	Harris
CD4017BQBH	M38510H05651BNC	1(1.5)	DECADE COUNTER	Harris
CD4017BQBR	M38510R05651BNC	1(1.5)	DECADE COUNTER	Harris
CD4017BQSH	M38510H05651SNC	1(1.5)	DECADE COUNTER	Harris
CD4017BQSR	M38510R05651SNC	1(1.5)	DECADE COUNTER	Harris
CD4018BFB	M38510/05652BEA	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BFBH	M38510H05652BEA	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BFBR	M38510R05652BEA	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BFSH	M38510H05652SEA	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BFSR	M38510R05652SEA	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BQBH	M38510H05652BNC	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BQBR	M38510R05652BNC	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BQSH	M38510H05652SNC	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4018BQSR	M38510R05652SNC	1(1.5)	COUNTER, DIVIDE-BY-N	Harris
CD4019AFB	M38510/05302BEA	1(.5)	AND/OR SELECT GATE, QUAD	Harris
CD4019BFB	M38510/05352BEA	1(1)	AND/OR SELECT GATE, QUAD	Harris

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4019BFBH	M38510H05352BEA	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019BFBR	M38510R05352BEA	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019BFSH	M38510H05352SEA	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019BFSS	M38510R05352SEA	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019QBH	M38510H05352BNC	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019QBR	M38510R05352BNC	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019QSH	M38510H05352SNC	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4019QSR	M38510R05352SNC	1 (1)	AND/OR SELECT GATE, QUAD	Harris
CD4020AFB	M38510/05603BEA	1 (.4)	BINARY COUNTER, 14-STAGE	Harris
CD4020BFB	M38510/05653BEA	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020BFBH	M38510H05653BEA	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020BFBR	M38510R05653BEA	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020BFSH	M38510H05653SEA	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020BFSS	M38510R05653SEA	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020QBH	M38510H05653BNC	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020QBR	M38510R05653BNC	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020QSH	M38510H05653SNC	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4020QSR	M38510R05653SNC	1 (1.5)	BINARY COUNTER, 14-STAGE	Harris
CD4021BFB	M38510/05754BEA	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021BFBH	M38510H05754BEA	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021BFBR	M38510R05754BEA	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021BFSH	M38510H05754SEA	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021BFSS	M38510R05754SEA	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021QBH	M38510H05754BNC	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021QBR	M38510R05754BNC	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021QSH	M38510H05754SNC	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4021QSR	M38510R05754SNC	1 (1.5)	SHIFT REGISTER, STATIC	Harris
CD4022BFBH	M38510H05654BEA	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022BFBR	M38510R05654BEA	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022BFSH	M38510H05654SEA	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022BFSS	M38510R05654SEA	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022QBH	M38510H05654BNC	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022QBR	M38510R05654BNC	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022QSH	M38510H05654SNC	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4022QSR	M38510R05654SNC	1 (1.5)	COUNTER, DIVIDE-BY-8	Harris
CD4023AFB	M38510/05003BCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BFB	M38510/05053BCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BFBH	M38510H05053BCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BFBR	M38510R05053BCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BFSH	M38510H05053SCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BFSS	M38510R05053SCA	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023BMJ/883	7901301CA	1	NAND GATE, TRIPLE 3-INPUT	National
CD4023QBH	M38510H05053BTC	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023QBR	M38510R05053BTC	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023QSH	M38510H05053STC	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4023QSR	M38510R05053STC	1 (.5)	NAND GATE, TRIPLE 3-INPUT	Harris
CD4024AFB	M38510/05605BCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024BFB	M38510/05655BCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024BFBH	M38510H05655BCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024BFBR	M38510R05655BCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024BFSH	M38510H05655SCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024BFSS	M38510R05655SCA	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024QBH	M38510H05655BTC	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024QBR	M38510R05655BTC	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024QSH	M38510H05655STC	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4024QSR	M38510R05655STC	1 (1.5)	BINARY COUNTER, 7-STAGE	Harris
CD4025AFB	M38510/05204BCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025BFB	M38510/05254BCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025BFBH	M38510H05254BCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025BFBR	M38510R05254BCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025BFSH	M38510H05254SCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025BFSS	M38510R05254SCA	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025QBH	M38510H05254BTC	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025QBR	M38510R05254BTC	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025QSH	M38510H05254STC	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4025QSR	M38510R05254STC	1 (.5)	NOR GATE, TRIPLE 3-INPUT	Harris
CD4027AFB	M38510/05102BEA	1 (.5)	FLIP-FLOP, JK, DUAL	Harris
CD4027BFB	M38510/05152BEA	1 (1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BFBH	M38510H05152BEA	1 (1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BFBR	M38510R05152BEA	1 (1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BFSH	M38510H05152SEA	1 (1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BFSS	M38510R05152SEA	1 (1)	FLIP-FLOP, JK, DUAL	Harris
CD4027QBH	M38510H05152BNC	1 (1)	FLIP-FLOP, JK, DUAL	Harris

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4027BQBR	M38510R05152BNC	1(1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BQSH	M38510H05152SNC	1(1)	FLIP-FLOP, JK, DUAL	Harris
CD4027BQSR	M38510R05152SNC	1(1)	FLIP-FLOP, JK, DUAL	Harris
CD4028BFBR	M38510R05951BEA	1(1.5)	DECODER, BCD-TO-DECIMAL	Harris
CD4028BFBSR	M38510R05951SEA	1(1.5)	DECODER, BCD-TO-DECIMAL	Harris
CD4028BQBR	M38510R05951BNC	1(1.5)	DECODER, BCD-TO-DECIMAL	Harris
CD4028BQSR	M38510R05951SNC	1(1.5)	DECODER, BCD-TO-DECIMAL	Harris
CD4029BF3A	8101602EA	1(1.)	COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	Harris
CD4029BMJ/883	8101601EA	1	BINARY/DECADE COUNTER, 4-BIT PRESETTABLE UP/DOWN	National
CD4030BFBR	M38510H05353BCA	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030BFBSH	M38510H05353BCA	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030BFBR	M38510R05353BCA	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030BFBSH	M38510H05353SCA	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030BFBSR	M38510R05353SCA	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030QDQH	M38510H05353BTC	1(1)	EXCLUSIVE OR GATE, QUAD 2-INPUT	Harris
CD4030QBQR	M38510R05353BTC	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030QBQSH	M38510H05353STC	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4030QBQSR	M38510R05353STC	1(1)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD4035BF3A	8101701EA	1	SHIFT REGISTER, 4-BIT PARALLEL-IN, PARALLEL-OUT	Harris
CD4040BMJ/883	7705801EA	1	BINARY COUNTER, 12-BIT	National
CD4041UBFBR	M38510R05555BCA	1(1)	TRUE/COMPLIMENT BUFFER, QUAD	Harris
CD4041UBFSR	M38510R05555SCA	1(1)	TRUE/COMPLIMENT BUFFER, QUAD	Harris
CD4041UBQBR	M38510R05555BTC	1(1)	TRUE/COMPLIMENT BUFFER, QUAD	Harris
CD4041UBQSR	M38510R05555STC	1(1)	TRUE/COMPLIMENT BUFFER, QUAD	Harris
CD4047BF3A	8102001CA	1	MULTIVIBRATOR, MONOSTABLE/ASTABLE	Harris
CD4047BMJ/883	8102002CA	1(0)	MULTIVIBRATOR, MONOSTABLE/ASTABLE	National
CD4047BMW/883	8102002DA	1(0)	MULTIVIBRATOR, MONOSTABLE/ASTABLE	National
CD4049AFB	M38510/05503BEA	1(.5)	HEX INVERTER BUFFER	Harris
CD4049UBFB	M38510/05553BEA	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBFBH	M38510H05553BEA	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBFBR	M38510R05553BEA	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBFSH	M38510H05553SEA	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBFSR	M38510R05553SEA	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBQBR	M38510R05553BNC	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBQSH	M38510H05553SNC	1(1)	HEX INVERTER BUFFER	Harris
CD4049UBQSR	M38510R05553SNC	1(1)	HEX INVERTER BUFFER	Harris
CD4050AFB	M38510/05504BEA	1(.5)	HEX BUFFER, NONINVERTING	Harris
CD4050BFBR	M38510/05554BEA	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BFBSH	M38510H05554BEA	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BFBSR	M38510R05554BEA	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BFBSH	M38510H05554SEA	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BFBSR	M38510R05554SEA	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BQBR	M38510R05554BNC	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BQSH	M38510H05554SNC	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4050BQSR	M38510R05554SNC	1(1)	HEX BUFFER, NONINVERTING	Harris
CD4052BF3A	7901502EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL DIFFERENTIAL	Harris
CD4052BMJ/883	7901501EA	1(0)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL DIFFERENTIAL	National
CD4052BMW/883	7901501FA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL DIFFERENTIAL	National
CD4053BF3A	8101801EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, TRIPLE 2-CHANNEL	Harris
CD4053BMJ/883	8101803EA	1(0)	ANALOG MULTIPLEXER/DEMUTIPLEXER, TRIPLE 2-CHANNEL	National
CD4053BMW/883	8101803FA	1(0)	ANALOG MULTIPLEXER/DEMUTIPLEXER, TRIPLE 2-CHANNEL	National
CD4066BFBR	M38510/05852BCA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BFBSH	M38510H05852BCA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BFBSR	M38510R05852BCA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BFBSH	M38510H05852SCA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BFBSR	M38510R05852SCA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BQBR	M38510H05852BTC	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BQSH	M38510R05852BTC	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BQSR	M38510H05852STC	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4066BQSR	M38510R05852STC	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
CD4069UBFB	M38510/17401BCA	1(.5)	HEX INVERTER	Harris
CD4069UBFBH	M38510H17401BCA	1(.5)	HEX INVERTER	Harris
CD4069UBFBR	M38510R17401BCA	1(.5)	HEX INVERTER	Harris
CD4069UBFSH	M38510H17401SCA	1(.5)	HEX INVERTER	Harris
CD4069UBFSR	M38510R17401SCA	1(.5)	HEX INVERTER	Harris
CD4069UBQBR	M38510H17401BTC	1(.5)	HEX INVERTER	Harris
CD4069UBQSH	M38510R17401BTC	1(.5)	HEX INVERTER	Harris
CD4069UBQSR	M38510H17401STC	1(.5)	HEX INVERTER	Harris
CD4069UBQSR	M38510R17401STC	1(.5)	HEX INVERTER	Harris
CD4070BFBR	M38510/17203BCA	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BFBSH	M38510H17203BCA	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4070BFBR	M38510R17203BCA	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BFSH	M38510H17203SCA	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BFSR	M38510R17203SCA	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BQBH	M38510H17203BTC	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070QBQR	M38510R17203BTC	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BQSH	M38510H17203STC	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4070BQSR	M38510R17203STC	1(1)	EXCLUSIVE-OR GATE, QUAD	Harris
CD4071BFB	M38510/17101BCA	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BFBH	M38510H17101BCA	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BFBR	M38510R17101BCA	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BFSH	M38510H17101SCA	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BFSR	M38510R17101SCA	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BQBH	M38510H17101BTC	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071QBQR	M38510R17101BTC	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BQSH	M38510H17101STC	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4071BQSR	M38510R17101STC	1(.5)	OR GATE, QUAD 2-INPUT	Harris
CD4072BF3A	7706002CA	2	OR GATE, DUAL 4-INPUT	Harris
CD4072BFBR	M38510R17102BCA	1(.5)	OR GATE, DUAL 4-INPUT	Harris
CD4072BQBR	M38510R17102BTC	1(.5)	OR GATE, DUAL 4-INPUT	Harris
CD4073BF3A	7705102CA	2	AND GATE, TRIPLE 3-INPUT	Harris
CD4073BFB	M38510/17003BCA	1(.5)	AND GATE, TRIPLE 3-INPUT	Harris
CD4073BFBR	M38510R17003BCA	1(.5)	AND GATE, TRIPLE 3-INPUT	Harris
CD4073BQBR	M38510R17003BTC	1(.5)	AND GATE, TRIPLE 3-INPUT	Harris
CD4075BFB	M38510/17103BCA	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BFBH	M38510H17103BCA	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BFBR	M38510R17103BCA	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BFSH	M38510H17103SCA	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BFSR	M38510R17103SCA	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BQBH	M38510H17103BTC	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075QBQR	M38510R17103BTC	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BQSH	M38510H17103STC	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4075BQSR	M38510R17103STC	1(.5)	OR GATE, TRIPLE 3-INPUT	Harris
CD4077BFBR	M38510R17204BCA	1(1)	EXCLUSIVE-NOR GATE, QUAD	Harris
CD4077BOBR	M38510R17204BTC	1(1)	EXCLUSIVE-NOR GATE, QUAD	Harris
CD4078BF3A	7704402CA	0	NOR/OR GATE, 8-INPUT	Harris
CD4081BF3A	7702402CA	0	AND GATE, QUAD 2-INPUT	Harris
CD4081BFB	M38510/17001BCA	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BFBH	M38510H17001BCA	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BFBR	M38510R17001BCA	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BFSH	M38510H17001SCA	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BFSR	M38510R17001SCA	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BQBH	M38510H17001BTC	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081QBQR	M38510R17001BTC	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BQSH	M38510H17001STC	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4081BQSR	M38510R17001STC	1(.5)	AND GATE, QUAD 2-INPUT	Harris
CD4082BF3A	7705902CA	2	AND GATE, DUAL 4-INPUT	Harris
CD4082BFB	M38510/17002BCA	1(.5)	AND GATE, DUAL 4-INPUT	Harris
CD4082BFBR	M38510R17002BCA	1(.5)	AND GATE, DUAL 4-INPUT	Harris
CD4082BQBR	M38510R17002BTC	1(.5)	AND GATE, DUAL 4-INPUT	Harris
CD4085BFBH	M38510H17201BCA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BFBR	M38510R17201BCA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BFSH	M38510H17201SCA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BFSR	M38510R17201SCA	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BQBH	M38510H17201BTC	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085QBQR	M38510R17201BTC	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BQSH	M38510H17201STC	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4085BQSR	M38510R17201STC	1(1)	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	Harris
CD4086BFBH	M38510H17202BCA	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BFBR	M38510R17202BCA	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BFSH	M38510H17202SCA	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BFSR	M38510R17202SCA	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BQBH	M38510H17202BTC	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086QBQR	M38510R17202BTC	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BQSH	M38510H17202STC	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4086BQSR	M38510R17202STC	1(1)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	Harris
CD4093BF3A	7704602CA	1	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	Harris
CD4093BMJ/883	7704601CA	1	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	National
CD4093BMW/883	7704601DA	1	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	National
CD4094BF3A	7702501EA	1	SHIFT REGISTER/LATCH, 8-STAGE, 3-STATE OUTPUTS	Harris
CD4098BFB	M38510/17504BEA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
CD4098BFBR	M38510R17504BEA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
CD4098BQBR	M38510R17504BNC	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE/RESETTABLE	Harris
CD4099BFB	M38510/17601BEA	1(1.5)	LATCH, 8-BIT ADDRESSABLE	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4099BFBR	M38510R17601BEA	1(1.5)	LATCH, 8-BIT ADDRESSABLE	Harris
CD4099BQBR	M38510R17601BNC	1(1.5)	LATCH, 8-BIT ADDRESSABLE	Harris
CD4502BF3A	7702002EA	2	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4502BFB	M38510/17403BEA	1(1)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4502BFBR	M38510R17403BEA	1(1)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4502BFSR	M38510R17403SEA	1(1)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4502BQBR	M38510R17403BNC	1(1)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4502BQSR	M38510R17403SNC	1(1)	BUFFER/DRIVER, HEX, INVERTING, STROBED, WITH 3-STATE OUTPUTS	Harris
CD4515BF3A	7703201JA	1	DECODER, 4 TO 16 LINE, WITH LATCHED INPUTS	Harris
CD4520BF3A	7702301EA	1	BINARY COUNTER, DUAL UP/DOWN	Harris
CD4555BF3A	7704701EA	1	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	Harris
CD4556BF3A	7704801EA	1	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	Harris
CD4585BF3A	7703702EA	0	MAGNITUDE COMPARATOR, 4-BIT	Harris
CD54HC00F3A	8403701CA	1	NAND GATE, QUAD 2-INPUT	Harris
CD54HC02F3A	8404101CA	1	NOR GATE, QUAD 2-INPUT	Harris
CD54HC03F3A	5962-8764701CA	1	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	Harris
CD54HC04F3A	8409801CA	1	HEX INVERTER	Harris
CD54HC08F3A	8404701CA	1	AND GATE, QUAD 2-INPUT	Harris
CD54HC107F3A	5962-8515401CA	1	FLIP-FLOP, JK, DUAL, WITH RESET	Harris
CD54HC109F3A	8415001EA	1	FLIP-FLOP, JK, DUAL	Harris
CD54HC10F3A	8403801CA	1	NAND GATE, TRIPLE 3-INPUT	Harris
CD54HC112F3A	8408801EA	1	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	Harris
CD54HC11F3A	8404801CA	1	AND GATE, TRIPLE 3-INPUT	Harris
CD54HC123F3A	5962-8684701EA	1	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	Harris
CD54HC125F3A	5962-8772101CA	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	Harris
CD54HC126F3A	5962-8684801CA	1	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC138F3A	8406201EA	1	DECODER, 3-TO-8-LINE	Harris
CD54HC139F3A	8409201EA	1	DECODER, DUAL 2-TO-4-LINE	Harris
CD54HC147F3A	8406401EA	1	PRIORITY ENCODER, 10-TO-4-LINE	Harris
CD54HC14F3A	8409101CA	1	HEX INVERTER, SCHMITT TRIGGER	Harris
CD54HC151F3A	8412801EA	1	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	Harris
CD54HC153F3A	8409301EA	1	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	Harris
CD54HC154F3A	5962-8682201JA	1	DECODER, 4-TO-16-LINE	Harris
CD54HC157F3A	5962-8606101EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	Harris
CD54HC158F3A	5962-8682301EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS	Harris
CD54HC160F3A	5962-8682401EA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	Harris
CD54HC161F3A	8407501EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	Harris
CD54HC162F3A	8409401EA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS RESET	Harris
CD54HC163F3A	8607601EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	Harris
CD54HC164F3A	8416201CA	1	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	Harris
CD54HC165F3A	8409501EA	1	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	Harris
CD54HC173F3A	5962-8682501EA	1	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	Harris
CD54HC174F3A	8407301EA	1	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	Harris
CD54HC175F3A	8408901EA	1	FLIP-FLOP, D-TYPE, 4-BIT	Harris
CD54HC190F3A	5962-8994601EA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	Harris
CD54HC191F3A	5962-8689101EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	Harris
CD54HC192F3A	5962-8780801EA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	Harris
CD54HC193F3A	5962-8772401EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	Harris
CD54HC194F3A	5962-8682601EA	1	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	Harris
CD54HC195F3A	5962-8682701EA	1	SHIFT REGISTER, 4-BIT PARALLEL	Harris
CD54HC20F3A	8403901CA	1	NAND GATE, DUAL 4-INPUT	Harris
CD54HC21F3A	5962-8857601CA	1	AND GATE, DUAL 4-INPUT	Harris
CD54HC221F3A	5962-8780501EA	1	MULTIVIBRATOR, DUAL MONOSTABLE NON-RETRIGGERABLE, WITH RESET	Harris
CD54HC237F3A	5962-8860601EA	1	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	Harris
CD54HC238F3A	5962-8688401EA	1	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	Harris
CD54HC240F3A	8407401RA	1	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC243F3A	8409001CA	1	BUS TRANSCEIVER, QUAD, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	Harris
CD54HC244F3A	8409601RA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC245F3A	8409601RA	1	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HC251F3A	8512501EA	1	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	Harris
CD54HC257F3A	8512401EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	Harris
CD54HC259F3A	8551901EA	1(1.5)	LATCH, 8-BIT ADDRESSABLE	Harris
CD54HC273F3A	8409901RA	1(1.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	Harris
CD54HC27F3A	8404201CA	1	NOR GATE, TRIPLE 3-INPUT	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD54HC280F3A	8607701CA	1	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	Harris
CD54HC283F3A	5962-8976501EA	1	ADDER, 4-BIT BINARY, WITH FAST CARRY	Harris
CD54HC297F3A	5962-8999001EA	1	FILTER, PHASE-LOCKED LOOP	Harris
CD54HC299F3A	5962-8780601RA	1	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	Harris
CD54HC30F3A	8404001CA	1	NAND GATE, 8-INPUT	Harris
CD54HC32F3A	8404501CA	1	OR GATE, QUAD 2-INPUT	Harris
CD54HC365F3A	8500101EA	1	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC366F3A	5962-8682801EA	1	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	Harris
CD54HC367F3A	8500201EA	1	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC368F3A	5962-8681201EA	1	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HC373F3A	8407201RA	1	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
CD54HC374F3A	8407101RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
CD54HC377F3A	5962-8780701RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	Harris
CD54HC393F3A	8410001CA	1	BINARY COUNTER, DUAL 4-BIT	Harris
CD54HC4002F3A	8404401CA	1	NOR GATE, DUAL 4-INPUT	Harris
CD54HC40103F3A	5962-9055301EA	1	BINARY COUNTER, 8-BIT SYNCHRONOUS	Harris
CD54HC4015F3A	5962-8995301EA	1	SHIFT REGISTER, DUAL 4-STAGE	Harris
CD54HC4017F3A	8601101EA	1	DECADE COUNTER/DIVIDER	Harris
CD54HC4020F3A	0500301EA	1	BINARY COUNTER, 14 STAGE RIPPLE	Harris
CD54HC4024F3A	8601201CA	1	BINARY COUNTER, 7-STAGE RIPPLE	Harris
CD54HC4040F3A	8500401EA	1 (1.5)	BINARY COUNTER, 12-STAGE RIPPLE	Harris
CD54HC4046AF3A	5962-8960901EA	1	PHASE-LOCKED LOOP, WITH VOLTAGE-CONTROLLED OSCILLATOR	Harris
CD54HC4049F3A	5962-8681901EA	1	BUFFER, HEX INVERTING LOGIC LEVEL CONVERTER	Harris
CD54HC4050F3A	5962-8682001EA	1	CONVERTER, HEX LOGIC LEVEL DOWN	Harris
CD54HC4052F3A	5962-8855601EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, DOUBLE-POLE, FOUR-POSITION	Harris
CD54HC4053F3A	5962-8775401EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER	Harris
CD54HC4059F3A	5962-8944501JA	1	COUNTER, PROGRAMMABLE DIVIDE-BY-N	Harris
CD54HC4060F3A	5962-8768001EA	1	BINARY COUNTER, 14-STAGE	Harris
CD54HC4075F3A	5962-8772201CA	1	OR GATE, TRIPLE 3-INPUT	Harris
CD54HC42F3A	5962-8682101EA	1	DECODER, BCD-TO-DECIMAL	Harris
CD54HC4511F3A	5962-8773301EA	1	DECODER/DRIVER, BCD-TO-SEVEN-SEGMENT	Harris
CD54HC4520F3A	5962-8995401EA	1	COUNTER, DUAL SYNCHRONOUS	Harris
CD54HC4538F3A	5962-8688601EA	1	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE, PRECISION	Harris
CD54HC533F3A	5962-8681301RA	1	LATCH, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HC534F3A	5962-8681401RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HC563F3A	5962-8606201RA	1	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	Harris
CD54HC564F3A	5962-8681501RA	1	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH INVERTED 3-STATE OUTPUTS	Harris
CD54HC573F3A	8512801RA	1	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
CD54HC597F3A	5962-8681701EA	1	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	Harris
CD54HC640F3A	5962-8780901RA	1	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HC646F3A	5962-8688501JA	1	BUS TRANSCEIVER/REGISTER, 8 BIT, WITH 3-STATE OUTPUTS	Harris
CD54HC688F3A	5962-8681801RA	1	MAGNITUDE COMPARATOR, 8-BIT	Harris
CD54HC7266F3A	8404302CA	1	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	Harris
CD54HC73F3A	5962-8515301CA	1	FLIP-FLOP, JK, DUAL, WITH RESET	Harris
CD54HC74F3A	8405601CA	1	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	Harris
CD54HC75F3A	8407001EA	1	LATCH, DUAL 2-BIT, TRANSPARENT	Harris
CD54HC85F3A	8601301EA	1	MAGNITUDE COMPARATOR, 4-BIT	Harris
CD54HC86F3A	8404601CA	1	EXCLUSIVE-OR GATE, QUAD 2-INPUT	Harris
CD54HCT00F3A	5962-8683101CA	1	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT02F3A	5962-8975101CA	1	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT04F3A	5962-8974701CA	1	HEX INVERTER, TTL-COMPATIBLE INPUTS	Harris
CD54HCT08F3A	5962-8688301CA	1	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT107F3A	5962-9084901MCA	1	FLIP-FLOP, JK, DUAL, NEGATIVE-EDGE TRIGGERED, WITH RESET	Harris
CD54HCT109F3A	5962-9070101MEA	1	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE INPUTS	Harris
CD54HCT110F3A	5962-8984301CA	1	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT112F3A	5962-8970201EA	1	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE INPUTS	Harris
CD54HCT11F3A	5962-8970901CA	1	AND GATE, TRIPLE 3-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT123F3A	5962-8970001EA	1	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE, WITH RESETS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT126F3A	5962-9065101MCA	1	BUFFER, QUAD, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT132F3A	5962-8984501CA	1	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER, TTL-COMPATIBLE INPUTS	Harris
CD54HCT138F3A	8550401EA	1	DECODER, 3-TO-8-LINE	Harris
CD54HCT14F3A	5962-8689001CA	1	HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT151F3A	5962-9065201MEA	1	DATA SEL/MULTIPLEXER, 8-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT153F3A	5962-9050501MEA	1	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT154F3A	5962-8670101JA	1	DECODER, 4-TO-16-LINE	Harris
CD54HCT157F3A	5962-9070201MEA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING.	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD54HCT158F3A	5962-9070301MEA	1	TTL-COMPATIBLE INPUTS DATA SEL/MULTIPLEXER, QUAD 2-INPUT, INVERTING, TTL-COMPATIBLE INPUTS	Harris
CD54HCT160F3A	5962-9070501MEA	1	DECADE COUNTER, ASYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	Harris
CD54HCT161F3A	5962-8685401EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNC. CLEAR AND LSTTL-COMPATIBLE INPUTS	Harris
CD54HCT162F3A	5962-8970701EA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	Harris
CD54HCT164F3A	5962-8970401CA	1	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT165F3A	5962-8685501EA	1	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT, WITH LSTTL-COMPATIBLE INPUTS	Harris
CD54HCT173F3A	5962-8875901EA	1	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT174F3A	5962-8974301EA	1	FLIP-FLOP, D-TYPE, HEX, WITH RESET, TTL COMPATIBLE-INPUTS	Harris
CD54HCT175F3A	5962-8970101EA	1	FLIP-FLOP, D-TYPE, 4-BIT, WITH RESET, TTL-COMPATIBLE INPUTS	Harris
CD54HCT191F3A	5962-8867101EA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE, TTL-COMPATIBLE INPUTS	Harris
CD54HCT193F3A	5962-9084801MEA	1	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, ASYNCHRONOUS RESET, TTL-COMPT.	Harris
CD54HCT238F3A	5962-8974501EA	1	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	Harris
CD54HCT240F3A	8550501RA	1	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HCT244F3A	8513001RA	1	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	Harris
CD54HCT245F3A	8550601RA	1	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HCT251F3A	5962-9052401MEA	1	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT257F3A	5962-8970501EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH NONINVERTING 3-STATE OUTPU	Harris
CD54HCT258F3A	5962-8970801EA	1	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS, TT	Harris
CD54HCT259F3A	5962-8985201EA	1	LATCH, 8-BIT ADDRESSABLE, TTL-COMPATIBLE	Harris
CD54HCT273F3A	5962-8772501RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	Harris
CD54HCT277F3A	5962-8970301CA	1	NOR GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT299F3A	5962-8943601MRA	1	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH 3-STATE OUTPUTS	Harris
CD54HCT30F3A	5962-8974601CA	1	NAND GATE, 8-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT32F3A	5962-8685201CA	1	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT367F3A	5962-9070601MEA	1	BUFFER/LINE DRIVER, HEX, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT373F3A	5962-8686701RA	1	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT374F3A	8550701RA	1 (1.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	Harris
CD54HCT377F3A	5962-8976901RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH DATA ENABLE, TTL-COMPATIBLE INPUTS	Harris
CD54HCT390F3A	5962-9098401MEA	1	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	Harris
CD54HCT393F3A	5962-8989001CA	1	BINARY COUNTER, DUAL 4-STAGE, TTL-COMPATIBLE INPUTS	Harris
CD54HCT40102F3A	5962-9057401EA	1	BCD COUNTER, 8-BIT SYNCHRONOUS DOWN, TTL-COMPATIBLE INPUTS	Harris
CD54HCT4017F3A	5962-9059701MEA	1	DECADE COUNTER/DIVIDER, WITH 10 DECODED OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT4020F3A	5962-8945801EA	1	BINARY COUNTER, 14-STAGE RIPPLE, TTL COMPATIBLE INPUTS	Harris
CD54HCT4040F3A	5962-8994701MEA	1	BINARY COUNTER, 12-STAGE RIPPLE-CARRY, TTL-COMPATIBLE INPUTS	Harris
CD54HCT4046AF3A	5962-8875701EA	1	PHASE-LOCKED LOOP WITH VOLTAGE-CONTROLLED OSCILLATOR	Harris
CD54HCT4051F3A	5962-9065401MEA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, TTL-COMPATIBLE INPUTS	Harris
CD54HCT4052F3A	5962-9163001MEA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL DIFFERENTIAL, TTL-COMPATIBLE INPUTS	Harris
CD54HCT4059F3A	5962-8862401JA	1	COUNTER, PROGRAMMABLE DIVIDE-BY-N, WITH TTL-COMPATIBLE INPUTS	Harris
CD54HCT4060F3A	5962-8977101EA	1	BINARY COUNTER, 14-STAGE, WITH OSCILLATOR AND TTL COMPATIBLE INPUTS	Harris
CD54HCT534F3A	5962-8984901RA	1	FLIP-FLOP, D-TYPE, 8-BIT, POS. EDGE-TRIGGERED, WITH INVERTING 3-STATE OUTPUTS	Harris
CD54HCT573F3A	5962-8685601RA	1	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, LSTTL-COMPATIBLE INPUTS	Harris
CD54HCT574F3A	5962-8974201RA	1	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	Harris
CD54HCT640F3A	5962-8974001RA	1	BUS TRANSCEIVER, 8-BIT, INVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	Harris
CD54HCT688F3A	5962-8685701RA	1	MAGNITUDE COMPARATOR, 8-BIT, WITH LSTTL-COMPATIBLE INPUTS	Harris
CD54HCT74F3A	5962-8685301CA	1	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD54HCT75F3A	5962-9075801MEA	1	LATCH, DUAL 2-BIT, BISTABLE, TRANSPARENT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT85F3A	5962-8967201EA	1	MAGNITUDE COMPARATOR, 4-BIT	Harris
CD54HCT86F3A	5962-8984401CA	1	EXCLUSIVE-OR GATE, QUAD-2-INPUT, TTL-COMPATIBLE INPUTS	Harris
CD54HCT04F3A	8601001CA	1	HEX INVERTER, UNBUFFERED	Harris
CY2147-55DMB	M38510/28903BVA	2	STATIC RAM, 4K X 1, WITH 3-STATE OUTPUTS	Cypress
CY2148-55DMB	M38510/28904BVA	2	STATIC RAM, 1K X 4, WITH 3-STATE OUTPUTS	Cypress
CY2148-55KMB	M38510/28904BYA	2	STATIC RAM, 1K X 4, WITH 3-STATE OUTPUTS	Cypress
CY7C147-35DMB	M38510/28901BVA	2	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	Cypress
CY7C147-35KMB	M38510/28901BYA	2	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	Cypress
CY7C148-35DMB	M38510/28902BVA	2	STATIC RAM, 1K X 4	Cypress
CY7C185A-20DMB	5962-3829417MZX	2	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
CY7C185A-20LMB	5962-3829430MUX	2	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
CY7C185A-25DMB	5962-3829415MZX	2	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C185A-25KMB	5962-3829415MTX	2	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C185A-25LMB	5962-3829429MUX	2	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C185A-35DMB	5962-3829413MZX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-35DME	5962-8552507ZX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-35KMB	5962-8552507TX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-35LMB	5962-3829413MTX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-35LMB	5962-3829427MUX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-35LMB	5962-8552507UX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C185A-45DMB	5962-8552506ZX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-45DMB	5962-3829411MZX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-45KMB	5962-3829411MTX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-45KMB	5962-8552506TX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-45LMB	5962-8552506UX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-45LMB	5962-3829425MUX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C185A-55DMB	5962-3829409MZX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C185A-55DMB	5962-8552505ZX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C185A-55LMB	5962-8552505UX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C185A-55LMB	5962-3829423MUX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C186A-20DMB	5962-3829417MXX	2	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
CY7C186A-20LMB	5962-3829417MYX	2	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	Cypress
CY7C186A-25DMB	5962-3829415MXX	2	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C186A-25LMB	5962-3829415MYX	2	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C186A-35DMB	5962-3829413MXX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C186A-35DME	5962-8552507XX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C186A-35LMB	5962-3829413MYX	2	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C186A-45DMB	5962-3829411MXX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C186A-45DMB	5962-8552506XX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C186A-45LMB	5962-3829411MYX	2	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C186A-55DMB	5962-3829409MXX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C186A-55DMB	5962-8552505XX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C186A-55LMB	5962-3829409MYX	2	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C191-25DMB	5962-9066403MXX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
CY7C191-25KMB	5962-9066403MYX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
CY7C191-25LMB	5962-9066403MZX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 25 NS ACCESS TIME	Cypress
CY7C191-35DMB	5962-9066402MXX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
CY7C191-35KMB	5962-9066402MYX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
CY7C191-35LMB	5962-9066402MZX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 35 NS ACCESS TIME	Cypress
CY7C191-45DMB	5962-9066401MXX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
CY7C191-45KMB	5962-9066401MYX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
CY7C191-45LMB	5962-9066401MZX	3	STATIC RAM, 64K X 4, WITH SEPARATE I/O AND TRANSPARENT WRITE, 45 NS ACCESS TIME	Cypress
CY7C192-25DMB	5962-8993503XX	3	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
CY7C192-25KMB	5962-8993503YX	3	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
CY7C192-25LMB	5962-8993503ZX	3	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	Cypress
CY7C192-35DMB	5962-8993502XX	3	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
CY7C192-35KMB	5962-8993502YX	3	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
CY7C192-35LMB	5962-8993502ZX	3	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
CY7C192-45DMB	5962-8993501XX	3	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
CY7C192-45KMB	5962-8993501YX	3	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
CY7C192-45LMB	5962-8993501ZX	3	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
CY7C194-35DMB	5962-8868101LX	2	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CY7C194-35LMB	5962-8868101XX	2	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	Cypress
CY7C194-45DMB	5962-8868102LX	2	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
CY7C194-45LMB	5962-8868102XX	2	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	Cypress
CY7C195L-25DMB	5962-8952405XX	2	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C195L-35DMB	5962-8952404XX	2	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C195L-45DMB	5962-8952403XX	2	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C197-25DMB	5962-8872505LX	2	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	Cypress
CY7C197-25LMB	5962-8872505XX	2	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	Cypress
CY7C197-35DMB	5962-8872501LX	2	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	Cypress
CY7C197-35LMB	5962-8872501XX	2	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	Cypress
CY7C197-45DMB	5962-8872502LX	2	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	Cypress
CY7C197-45LMB	5962-8872502XX	2	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	Cypress
CY7C198-15LMB	5962-8866208YX	3	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
CY7C198-20LMB	5962-8866207YX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
CY7C198-25DMB	5962-8866206XX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C198-25LMB	5962-8866206YX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C198-35DMB	5962-8866205XX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C198-35LMB	5962-8866205YX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C198-45DMB	5962-8866204XX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C198-45LMB	5962-8866204YX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C198-55DMB	5962-8866203XX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
CY7C198-55LMB	5962-8866203YX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
CY7C199-15DMB	5962-8866208NX	3	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
CY7C199-15LMB	5962-8866208UX	3	STATIC RAM, 32K X 8, 15 NS ACCESS TIME	Cypress
CY7C199-20DMB	5962-8866207NX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
CY7C199-20LMB	5962-8866207UX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 20 NS ACCESS TIME	Cypress
CY7C199-25DMB	5962-8866206NX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C199-25KMB	5962-8866206MX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C199-25LMB	5962-8866206UX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	Cypress
CY7C199-35DMB	5962-8866205NX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C199-35KMB	5962-8866205MX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C199-35LMB	5962-8866205UX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	Cypress
CY7C199-45DMB	5962-8866204NX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C199-45KMB	5962-8866204MX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C199-45LMB	5962-8866204UX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	Cypress
CY7C199-55DMB	5962-8866203NX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
CY7C199-55KMB	5962-8866203MX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
CY7C199-55LMB	5962-8866203UX	3	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	Cypress
CY7C245-35DMB	5962-8873502LX	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
CY7C245-35KMB	5962-8873502KX	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
CY7C245-35LMB	5962-88735023X	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
CY7C245-45DMB	5962-8873501LX	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress
CY7C245-45KMB	5962-8873501KX	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress
CY7C245-45LMB	5962-88735013X	1	PROM, UV ERASABLE, 2K X 8, REGISTERED, 45 NS ACCESS TIME	Cypress
CY7C245A-25DMB	5962-8873504LX	2	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	Cypress
CY7C245A-25LMB	5962-88735043X	2	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	Cypress
CY7C245A-35DMB	5962-8873503LX	2	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
CY7C245A-35LMB	5962-88735033X	2	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	Cypress
CY7C261-25QMB	5962-87515123X	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C261-25TMB	5962-8751512KX	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C261-25WMB	5962-8751512LX	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C261-35QMB	5962-87515073X	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C261-35WMB	5962-8751507LX	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C261-45QMB	5962-87515053X	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C261-45WMB	5962-8751505LX	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C261-55QMB	5962-87515063X	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C261-55TMB	5962-8751506KX	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C261-55WMB	5962-8751506LX	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C263-25QMB	5962-87515113X	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C263-25TMB	5962-8751511KX	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C263-25WMB	5962-8751511LX	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C263-35QMB	5962-87515083X	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C263-35TMB	5962-8751508KX	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C263-35WMB	5962-8751508LX	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C263-45QMB	5962-87515093X	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C263-45TMB	5962-8751509KX	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C263-45WMB	5962-8751509LX	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress
CY7C263-55QMB	5962-87515103X	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C263-55TMB	5962-8751510KX	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C263-55WMB	5962-8751510LX	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C264-25WMB	5962-8751511JX	2	PROM, UV ERASABLE, 8K X 8, 25 NS ACCESS TIME	Cypress
CY7C264-35WMB	5962-8751508JX	2	PROM, UV ERASABLE, 8K X 8, 35 NS ACCESS TIME	Cypress
CY7C264-45WMB	5962-8751509JX	2	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	Cypress

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE (S)
CY7C264-55WMB	5962-8751510JX	2	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	Cypress
CY7C291A-25DMB	5962-8873404LX	2	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
CY7C291A-25KMB	5962-8873404KX	2	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
CY7C291A-25LMB	5962-88734043X	2	PROM, 2K X 8, 25 NS ACCESS TIME	Cypress
CY7C291A-35DMB	5962-8873403LX	2	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
CY7C291A-35KMB	5962-8873403KX	2	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
CY7C291A-35LMB	5962-88734033X	2	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
CY7C292A-35DMB	5962-8873403JX	2	PROM, 2K X 8, 35 NS ACCESS TIME	Cypress
DAC08 Q2	M38510/11301BEB	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08 Q5	M38510/11301BEA	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC085 Q5	M38510/11301SEA	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08A Q2	M38510/11302BEB	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08A Q5	M38510/11302BEA	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08S Q2	M38510/11301SEB	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08SA Q2	M38510/11302SEB	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DAC08SA Q5	M38510/11302SEA	1(1.4)	D/A CONVERTER, 8-BIT	PMI (QPL)
DG201AAK/883B	7705301EA	1(.3)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG201MDE	M38510/12302BEA	1(.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG300MDE	M38510/11601BCA	1(.3)	ANALOG SWITCH, SPST, 2-CHANNEL	Harris
DG301MDE	M38510/11602BCA	1(.4)	ANALOG SWITCH, SPST, 1-CHANNEL	Harris
DG302MDE	M38510/11603BCA	1(.4)	ANALOG SWITCH, DPST, 2-CHANNEL	Harris
DG303MDE	M38510/11604BCA	1(.4)	ANALOG SWITCH, SPDT, 2-CHANNEL	Harris
DG401AK/883	5962-9056901EA	2	ANALOG SWITCH, SPST, 2-CHANNEL	Harris
DG403AK/883	5962-8976301MEA	2	ANALOG SWITCH, SPDT, 2-CHANNEL	Harris
DG405AK/883	5962-8996101EA	2	ANALOG SWITCH, DPST, 2-CHANNEL	Harris
DG408AK/883	5962-9204201MEA	2	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Harris
DG408AK/883	5962-9204201MEX	2	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Harris
DG409AK/883	5962-9204202MEA	2	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Harris
DG409AK/883	5962-9204202MEX	2	ANALOG MULTIPLEXER/DEMULTIPLEXER, DUAL 4-CHANNEL	Harris
DG411AK/883	5962-9073101MEA	2	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG412AK/883	5962-9073102MEA	2	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG413AK/883	5962-9073103MEA	2	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG441AK/883	5962-9204101MEA	2	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DG442AK/883	5962-9204102MEA	2	ANALOG SWITCH, SPST, 4-CHANNEL	Harris
DM54LS154FJ/883B	8301701JA	1	DECODER/DEMULTIPLEXER, 4-TO-16-LINE	National
DM54LS502J/883	5962-9080001MEA	1	REGISTER, 8-BIT SUCCESSIVE APPROXIMATION	National
DM54LS502W/883	5962-9080001MFA	1	REGISTER, 8-BIT SUCCESSIVE APPROXIMATION	National
DM9328J/883	5962-9558501QEA	1	SHIFT REGISTER, DUAL 8-BIT	National
DP8572AMD/883	5962-9164101MJA	1	REAL TIME CLOCK	National
DS0026H/883	7800802GA	3	CLOCK DRIVER, MOS	National
DS0026J/883	7800802CA	3	CLOCK DRIVER, MOS	National
DS0056H/883	7800801GA	3	CLOCK DRIVER, MOS, DUAL, WITH VBB CONNECTION	National
DS1631H/883	5962-8863101GA	1	PERIPHERAL DRIVER, DUAL AND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1631J-8/883	5962-8863101PA	1	PERIPHERAL DRIVER, DUAL AND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1632H/883	5962-9052201GA	1(0)	PERIPHERAL DRIVER, DUAL NAND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1632J-8/883	5962-9052201PA	1(0)	PERIPHERAL DRIVER, DUAL NAND, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1634H/883	5962-8982101GA	1	PERIPHERAL DRIVER, DUAL NOR, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1634J-8/883	5962-8982101PA	1	PERIPHERAL DRIVER, DUAL NOR, CMOS-COMPATIBLE, WITH OPEN-COLLECTOR OUTPUTS	National
DS1691AJ-SMD	5962-8672101EA	1	LINE DRIVER, DUAL DIFFERENTIAL RS-422 PARTY LINE/QUAD SINGLE ENDED RS-423	National
DS16F95E/883	5962-89615012A	1	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
DS16F95J/883	5962-8961501PA	1	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
DS16F95W/883	5962-8961501HA	1	BUS TRANSCEIVER, DIFFERENTIAL, RS485	National
DS1776E/883	5962-9231701M3A	1(0)	BUS TRANSCEIVER, 8-BIT, PI-BUS	National
DS1776J/883	5962-9231701MXA	1(0)	BUS TRANSCEIVER, 8-BIT, PI-BUS	National
DS26C31ME/883	5962-9163901M2A	1	LINE DRIVER, QUAD DIFFERENTIAL	National
DS26C31MJ/883	5962-9163901MFA	1	LINE DRIVER, QUAD DIFFERENTIAL	National
DS26C31MW/883	5962-9163901MFA	1	LINE DRIVER, QUAD DIFFERENTIAL	National
DS26C32AME/883	5962-9164001M2A	1	LINE RECEIVER, QUAD DIFFERENTIAL	National
DS26C32AMJ/883	5962-9164001MEA	1	LINE RECEIVER, QUAD DIFFERENTIAL	National
DS26C32AMW/883	5962-9164001MFA	1	LINE RECEIVER, QUAD DIFFERENTIAL	National
DS26F31ME/883	5962-7802302M2A	1(0)	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
DS26F31MJ/883	5962-7802302MEA	1(0)	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
DS26F31MW/883	5962-7802302MFA	1(0)	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
DS26F32ME/883	5962-7802005M2A	2	LINE RECEIVER, QUAD DIFFERENTIAL	National
DS26F32MJ/883	5962-7802005MEA	2	LINE RECEIVER, QUAD DIFFERENTIAL	National
DS26F32MW/883	5962-7802005MFA	2	LINE RECEIVER, QUAD DIFFERENTIAL	National

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
DS26LS31MJ/883	5962-7802301MEA	2	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
DS26LS31MW/883	5962-7802301MFA	2	LINE DRIVER, QUAD DIFFERENTIAL, HIGH-SPEED	National
DS3875W/883	5962-9554301QXA	2	CONTROLLER, FUTUREBUS ARBITRATION	National
DS3884AW/883	5962-9554001QXA	2	TRANSCEIVER, BTL HANDSHAKE	National
DS3885W/883	5962-9554101LOXA	2	TRANSCEIVER, BTL ARBITRATION	National
DS3886AW/883	5962-9554201QXA	2	TRANSCEIVER, BTL 9-BIT LATCHING DATA	National
DS7820AJ/883	7900801CA	1	LINE RECEIVER, DUAL DIFFERENTIAL	National
DS7820AW/883	7900801DA	1	LINE RECEIVER, DUAL DIFFERENTIAL	National
DS7831J/883B	8004101EA	1(0)	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	National
DS7831W/883B	8004101FA	1	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	National
DS7832J/883B	8004102EA	1(0)	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	National
DS7832W/883B	8004102FA	2	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	National
DS78C120J/883	5962-8963001EA	1	LINE DRIVER, DUAL DIFFERENTIAL, CMOS-COMPATIBLE	National
DS78C20J/883	5962-9321101MCA	1	LINE RECEIVER, DUAL DIFFERENTIAL	National
DS9622ME/883	5962-87522012A	1	LINE RECEIVER, DUAL	National
DS9622MJ/883	5962-8752201CA	1	LINE RECEIVER, DUAL	National
DS9622MW/883	5962-8752201AA	1	LINE RECEIVER, DUAL	National
DS9622MJ/883	5962-8978701MEA	1	LINE RECEIVER, DUAL	National
DS9636AJ/883	5962-8752301PA	3	LINE RECEIVER, DUAL DIFFERENTIAL, PROGRAMMABLE SLEW RATE	National
DS9637AMJ/883	5962-8752401PA	2	LINE RECEIVER, DUAL DIFFERENTIAL	National
DS9638J/883	5962-8754601PA	2	LINE DRIVER, DUAL DIFFERENTIAL, HIGH-SPEED	National
DS96F172ME/883	5962-9076501M2A	1	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
DS96F172MJ/883	5962-9076501MEA	1	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
DS96F173ME/883	5962-9076602M2A	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
DS96F173MJ/883	5962-9076602MEA	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
DS96F173MW/883	5962-9076602MFA	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
DS96F174ME/883	5962-9076502M2A	1	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
DS96F174MJ/883	5962-9076502MEA	1	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
DS96F174MW/883	5962-9076502MFA	1	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	National
DS96F175FMJ-883	5962-9076601MEA	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
DS96F175ME/883	5962-9076601M2A	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
DS96F175MW/883	5962-9076601MFA	1	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	National
GATE ARRAY	M38510/60708BZA	1(1)	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
GATE ARRAY	M38510/60708BZC	1(1)	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
GATE ARRAY	M38510/60711BZC	1(1)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510/60711BTA	1(1)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510/60711BTA	1(1)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510/60711BTC	1(1)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510H60714BNA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60714BMA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60714BTA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60714SMA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60714STA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60714SNA	1(1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60717SMC	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717BMA	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717STA	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717S4C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717STC	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717BTC	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717BTA	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717SMA	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717B5C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717B4C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717BMC	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717B6C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717S5C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60717S6C	1(1)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510/60811BZA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814BZA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814BYA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814SZA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814SYA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814SMA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60814BMA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817S7A	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817B7C	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817BZC	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817BZA	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817B7A	1(1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817S2C	1(1)	GATE ARRAY, SEMICUSTOM	UTMC

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
GATE ARRAY	M38510H60817SZA	1 (1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60817S7C	1 (1)	GATE ARRAY, SEMICUSTOM	UTMC
GATE ARRAY	M38510H60514B4A	1 (1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60514SMA	1 (1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60514S4A	1 (1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60514BMA	1 (1)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510/60504BQA	1 (1)	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
GATE ARRAY	M38510/60604BYC	1 (0)	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
GATE ARRAY	M38510/60604BYA	1 (0)	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
GATE ARRAY	M38510/60604BYC	1 (0)	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
GATE ARRAY	M38510/60604BXA	1 (0)	GATE ARRAY, SEMICUSTOM (3,001 - 4,000 GATES)	UTMC
GATE ARRAY	M38510/60606BYC	1 (0)	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
GATE ARRAY	M38510/60606BZC	1 (0)	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
GATE ARRAY	M38510/60606BYA	1 (0)	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
GATE ARRAY	M38510/60606BZA	1 (0)	GATE ARRAY, SEMICUSTOM (5,001 - 6,000 GATES)	UTMC
GATE ARRAY	M38510/60608BNA	1 (0)	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
GATE ARRAY	M38510/60608BYA	1 (0)	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
GATE ARRAY	M38510/60608BZA	1 (0)	GATE ARRAY, SEMICUSTOM (7,001 - 8,000 GATES)	UTMC
GATE ARRAY	M38510/60611BNC	1 (0)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510/60611BNA	1 (0)	GATE ARRAY, SEMICUSTOM (10,001 - 11,000 GATES)	UTMC
GATE ARRAY	M38510H60614BYA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614B4A	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614BNA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614SYA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614S4A	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614SNA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614BMA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60614SMA	1 (0)	GATE ARRAY, SEMICUSTOM (15,001 - 25,000 GATES)	UTMC
GATE ARRAY	M38510H60617B5C	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617BZA	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617S5A	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617B5A	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617SZA	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617SZC	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617S5C	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
GATE ARRAY	M38510H60617BZC	1 (0)	GATE ARRAY, SEMICUSTOM (45,001 - 55,000 GATES)	UTMC
H14-506/883	5962-85131073A	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL	Harris
HA1-2400/883	5962-8778301EA	0	OP AMP, 4-CHANNEL PROGRAMMABLE	Harris
HA1-2420/883	8001601CA	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA1-2444/883	5962-9309501MEA	1	OP AMP, FOUR-CHANNEL, SELECTABLE VIDEO	Harris
HA1-2539/883	5962-8778701CA	1	OP AMP, WIDEBAND, HIGH SLEW RATE	Harris
HA1-2540/883	5962-8964801CA	1	OP AMP, WIDEBAND	Harris
HA1-2546/883	5962-9325101MEA	1	MULTIPLIER, 2-QUADRANT	Harris
HA1-2640/883	7800302FA	1	OP AMP, HIGH-VOLTAGE	Harris
HA1-2841/883	5962-8778503CA	1	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
HA1-4902/883	5962-8686001EA	1	VOLT. COMPARATOR, QUAD, PRECISION	Harris
HA1-5104/883	5962-8850201CA	1	OP AMP, QUAD, LOW-NOISE	Harris
HA1-5114/883	5962-8963401CA	1	OP AMP, QUAD, LOW-NOISE UNCOMPENSATED	Harris
HA1-5134/883	5962-9455301MCA	1 (1)	OP AMP, QUAD, PRECISION	Harris
HA1-5144/883	5962-8965603CA	1	OP AMP, QUAD, LOW-POWER	Harris
HA1-5190/883	5962-8778401CA	1	OP AMP, WIDEBAND, FAST SETTLING	Harris
HA1-5320/883	5962-9306302MCA	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA1-5330/883	5962-8767701CA	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA1-5340/883	5962-9306301MCA	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA2-2500	M38510/12204BGA	1 (.4)	OP AMP, PRECISION	Harris
HA2-2510	M38510/12205BGA	1 (.4)	OP AMP, HIGH-SPEED	Harris
HA2-2520	M38510/12206BGA	1 (.5)	OP AMP, HIGH-SPEED	Harris
HA2-2520/883	5962-8988002GC	1	OP AMP, HIGH-SPEED	Harris
HA2-2522/883	5962-8988001GC	1	OP AMP, HIGH-SPEED	Harris
HA2-2529/883	5962-8972101GC	1	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
HA2-2541/883	5962-8778501XC	1 (.5)	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
HA2-2541/883	5962-8778501XA	1	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
HA2-2542/883	5962-8964301XC	1	OP AMP, WIDEBAND, HIGH SLEW RATE, HIGH OUTPUT CURRENT	Harris
HA2-2544/883	5962-8950201GC	1	OP AMP, VIDEO	Harris
HA2-2600	M38510/12202BGA	1 (.4)	OP AMP, WIDEBAND	Harris
HA2-2620	M38510/12203BGA	1 (.4)	OP AMP, WIDEBAND	Harris
HA2-2640/883	7800302GC	1	OP AMP, HIGH-VOLTAGE	Harris
HA2-5002/883	5962-8963601GC	2	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
HA2-5033/883	5962-8963301XC	2	BUFFER AMPLIFIER, HIGH-SPEED VIDEO	Harris
HA2-5102/883	5962-8954801GC	1	OP AMP, DUAL, LOW-NOISE	Harris
HA2-5111/883	5962-8963101GC	1	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
HA2-5112/883	5962-8963201GC	1	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
HA2-5127/883	5962-8962701GC	1	OP AMP, 7.0 V/ μ S	Harris

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HA2-5137/883	5962-8962702GC	1	OP AMP, 14 V/ μ S	Harris
HA2-5142/883	5962-8965602GC	1	OP AMP, DUAL, LOW-POWER	Harris
HA2-5147/883	5962-8962703GC	1	OP AMP, 28 V/ μ S	Harris
HA2-5190/883	5962-8778401XC	1	OP AMP, WIDEBAND, FAST SETTLING	Harris
HA4-2400/883	5962-87783012A	1	OP AMP, 4-CHANNEL PROGRAMMABLE	Harris
HA4-2420/883	80016012A	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA4-2522/883	5962-89880012A	1	OP AMP, HIGH-SPEED	Harris
HA4-2529/883	5962-89721012A	1	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
HA4-2539/883	5962-87787012A	1	OP AMP, WIDEBAND, HIGH SLEW RATE	Harris
HA4-2540/883	5962-89648012A	1	OP AMP, WIDEBAND	Harris
HA4-2544/883	5962-89502012A	1	OP AMP, VIDEO	Harris
HA4-2546/883	5962-9325101M2A	1	MULTIPLIER, 2-QUADRANT	Harris
HA4-2640/883	78003022A	1	OP AMP, HIGH-VOLTAGE	Harris
HA4-4902/883	5962-86860012A	1	VOLT. COMPARATOR, QUAD, PRECISION	Harris
HA4 5002/883	5962-89636012A	3	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
HA4-5020/883	5962-89620012A	1	CURRENT FEEDBACK AMPLIFIER	Harris
HA4-5101/883	5962-89635012A	1	OP AMP, LOW-NOISE	Harris
HA4-5102/883	5962-89548012A	1	OP AMP, DUAL, LOW-NOISE	Harris
HA4-5104/883	5962-88502012A	1	OP AMP, QUAD, LOW-NOISE	Harris
HA4-5111/883	5962-89631012A	1	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
HA4-5112/883	5962-89632012A	1	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
HA4-5114/883	5962-89634012A	1	OP AMP, QUAD, LOW-NOISE UNCOMPENSATED	Harris
HA4-5127/883	5962-89627012A	1	OP AMP, 7.0 V/ μ S	Harris
HA4-5134/883	5962-9455301M2A	1 (1)	OP AMP, QUAD, PRECISION	Harris
HA4-5137/883	5962-89627022A	1	OP AMP, 14 V/ μ S	Harris
HA4-5142/883	5962-89656022A	1	OP AMP, DUAL, LOW-POWER	Harris
HA4-5144/883	5962-89656032A	1	OP AMP, QUAD, LOW-POWER	Harris
HA4-5147/883	5962-89627032A	1	OP AMP, 28 V/ μ S	Harris
HA4-5190/883	5962-87784012A	1	OP AMP, WIDEBAND, FAST SETTLING	Harris
HA4-5221/883	5962-9163401M2A	1	OP AMP	Harris
HA4-5320/883	5962-9306302M2A	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA4-5330/883	5962-87677012A	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA4-5340/883	5962-9306301M2A	1	SAMPLE AND HOLD AMPLIFIER	Harris
HA7-2500	M38510/12204BPA	1 (.4)	OP AMP, PRECISION	Harris
HA7-2510	M38510/12205BPA	1 (.4)	OP AMP, HIGH-SPEED	Harris
HA7-2520	M38510/12206BPA	1 (.5)	OP AMP, HIGH-SPEED	Harris
HA7-2520/883	5962-8988002PA	1	OP AMP, HIGH-SPEED	Harris
HA7-2522/883	5962-8988001PA	1	OP AMP, HIGH-SPEED	Harris
HA7-2529/883	5962-8972101PA	1	OP AMP, HIGH-CURRENT, HIGH-SPEED	Harris
HA7-2544/883	5962-8950201PA	1	OP AMP, VIDEO	Harris
HA7-2600	M38510/12202BPA	1 (.4)	OP AMP, WIDEBAND	Harris
HA7-2620	M38510/12203BPA	1 (.4)	OP AMP, WIDEBAND	Harris
HA7-2841/883	5962-8778503PA	1	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	Harris
HA7 2042/000	5962 2469403M2A	1 (.5)	OP AMP, WIDEBAND, HIGH SLEW RATE, VIDEO	Harris
HA7-5002/883	5962-8963601PA	3	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	Harris
HA7-5020/883	5962-8962001PA	1	CURRENT FEEDBACK AMPLIFIER	Harris
HA7-5101/883	5962-8963501PA	1	OP AMP, LOW-NOISE	Harris
HA7-5102/883	5962-8954801PA	1	OP AMP, DUAL, LOW-NOISE	Harris
HA7-5111/883	5962-8963101PA	1	OP AMP, LOW-NOISE, UNCOMPENSATED	Harris
HA7-5112/883	5962-8963201PA	1	OP AMP, DUAL, LOW-NOISE UNCOMPENSATED	Harris
HA7-5127/883	5962-8962701PA	1	OP AMP, 7.0 V/ μ S	Harris
HA7-5137/883	5962-8962702PA	1	OP AMP, 14 V/ μ S	Harris
HA7-5142/883	5962-8965602PA	1	OP AMP, DUAL, LOW-POWER	Harris
HA7-5147/883	5962-8962703PA	1	OP AMP, 28 V/ μ S	Harris
HA7-5221/883	5962-9163401MPA	1	OP AMP	Harris
HA7-5222/883	5962-9163402MPA	1	OP AMP, DUAL	Harris
HA7-5222/883	5962-9163402M2A	1	OP AMP, DUAL	Harris
HC6364/1XQHBC	5962H3829440Q9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XQHBT	5962H3829438Q9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XQHCC	5962H3829443Q9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XQHCT	5962H3829442Q9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XVHBC	5962H3829440V9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XVHBT	5962H3829438V9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XVHCC	5962H3829443V9X	3	STATIC RAM, 8K X 8	Honeywell
HC6364/1XVHCT	5962H3829442V9X	3	STATIC RAM, 8K X 8	Honeywell
HC6856/1NQHAC	5962H9215307Q9C	2 (2)	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1NQHAT	5962H9215308Q9C	2 (2)	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1NOHZC	5962H9215305O9C	2 (2)	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1NQHZT	5962H9215306Q9C	2 (2)	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1NVHAC	5962H9215307V9C	2 (2)	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1NVHAT	5962H9215308V9C	2 (2)	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1NVHZC	5962H9215305V9C	2 (2)	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1NVHZT	5962H9215306V9C	2 (2)	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HC6856/1WQHAC	5962H9215307QUX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WQHAT	5962H9215308QUX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WQHZC	5962H9215305QUX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WQHZT	5962H9215306QUX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WORAC	5962R9215307OUX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WQRAT	5962R9215308QUX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WQRZC	5962R9215305QUX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WQRZT	5962R9215306QUX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WVHAC	5962H9215307VUC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WVHAT	5962H9215308VUC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WVHZC	5962H9215305VUC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WVHZT	5962H9215306VUC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WVRAC	5962R9215307VUC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WVRAT	5962R9215308VUC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1WVRZC	5962R9215305VUC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1WVRZT	5962R9215306VUC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XQHAC	5962H9215307QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XQHAT	5962H9215308QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XQHZC	5962H9215305QZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XQHZT	5962H9215306QZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XQRAC	5962R9215307QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XQRAT	5962R9215308QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XQRZC	5962R9215305QZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XQRZT	5962R9215306QZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XVHAC	5962H9215307VZC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XVHAT	5962H9215308VZC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XVHZC	5962H9215305VZC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XVHZT	5962H9215306VZC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XVRAC	5962R9215307VZC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XVRAT	5962R9215308VZC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Honeywell
HC6856/1XVRZC	5962R9215305VZC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HC6856/1XVRZT	5962R9215306VZC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Honeywell
HD1-15530-8	7802901JA	1	MANCHESTER ENCODER/DECODER	Harris
HD1-15531/883	5962-9054901MOA	2	MANCHESTER ENCODER/DECODER, 1.25 MEGABIT/S	Harris
HD1-15531B/883	5962-9054902MQA	2	MANCHESTER ENCODER/DECODER, 2.50 MEGABIT/S	Harris
HD1-4702/883	5962-9051801MEA	1	RATE GENERATOR, PROGRAMMABLE BIT	Harris
HD1-6402B/883	5962-9052502MQA	1	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 8.0 MHZ	Harris
HD1-6402R/883	5962-9052501MQA	1	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 2.0 MHZ	Harris
HD1-6409/883	5962-9088801MRA	1	MANCHESTER ENCODER/DECODER	Harris
HD4-15530-8	78029013A	1	MANCHESTER ENCODER/DECODER	Harris
HD4-6409/883	5962-9088801M2A	1	MANCHESTER ENCODER/DECODER	Harris
HFA1100MJ/883	5962-9467601MPA	1	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED	Harris
HFA1110MJ/883	5962-9468301MPA	1	BUFFER AMPLIFIER, CLOSED LOOP, LOW DISTORTION, UNITY GAIN, 750 MHZ	Harris
HFA1113MJ/883	5962-9468201MPA	1	BUFFER AMPLIFIER, PROGRAMMABLE GAIN, HIGH SPEED, OUTPUT CLAMPING	Harris
HFA1113ML/883	5962-9468201M2A	1	BUFFER AMPLIFIER, PROGRAMMABLE GAIN, HIGH SPEED, OUTPUT CLAMPING	Harris
HFA11220MJ/883	5962-9468501MPA	1	OP AMP, CURRENT FEEDBACK, HIGH SPEED	Harris
HFA1130MJ/883	5962-9467701MPA	1	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED, OUTPUT CLAMPING	Harris
HFA1130ML/883	5962-9467701M2A	1	OP AMP, CURRENT FEEDBACK, ULTRA HIGH SPEED, OUTPUT CLAMPING	Harris
HFA3127MJ/883	5962-9474901MEA	1	OP AMP, WIDEBAND, HIGH SLEW RATE, VIDEO	Harris
HI-5046/883	8100615EA	1(.5)	ANALOG SWITCH, DPDT, 1-CHANNEL, 75 OHMS	Harris
HI1-0201/883	7705302EA	1	ANALOG SWITCH, SPST, 4-CHANNEL, WITH DIELECTRIC ISOLATION	Harris
HI1-0201HS/883	5962-8671601EA	1	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Harris
HI1-0222/883	5962-9456201MEA	1(.5)	VIDEO SWITCH, HIGH-FREQUENCY	Harris
HI1-0508/883	7705201EC	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-0548/883	7705202EA	1	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-5040/883	8100609EA	1	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	Harris
HI1-5041/883	8100610EA	1	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
HI1-5042/883	8100611EA	1	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	Harris
HI1-5043/883	8100612EA	1	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
HI1-5044/883	8100613EA	1	ANALOG SWITCH, DPST, 1-CHANNEL, 30 OHMS	Harris
HI1-5045/883	8100614EA	1	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
HI1-5046A/883	8100617EA	1	ANALOG SWITCH, DPDT, 1-CHANNEL, 30 OHMS	Harris
HI1-5047/883	8100616EA	0	ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS	Harris
HI1-5047A/883	8100618EA	1	ANALOG SWITCH, 4PST, 1-CHANNEL, 30 OHMS	Harris
HI1-5048/883	8100619EA	0	ANALOG SWITCH, SPST, 2-CHANNEL, 30 OHMS	Harris
HI1-5049/883	8100620EA	0	ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HI1-5050/883	8100621EA	0	ANALOG SWITCH, SPDT, 1-CHANNEL, 30 OHMS	Harris
HI1-5051/883	8100622EA	1	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
HI1-506	M38510/19001BXA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
HI1-506/883	5962-8513107XA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
HI1-506A	M38510/19002BXA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-507	M38510/19003BXA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	Harris
HI1-507/883	5962-8513108XA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	Harris
HI1-507A	M38510/19004BXA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI1-508	M38510/19007BEA	1(.3)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-508A	M38510/19005BEA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-509	M38510/19008BEA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL	Harris
HI1-509/883	5962-8513109EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL	Harris
HI1-509A	M38510/19006BEA	1(.5)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI1-516/883	5962-8869901XA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL/8-CHANNEL DIFFERENTIAL	Harris
HI1-524/883	5962-8761801VA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL WIDEBAND VIDEO	Harris
HI1-546/883	5962-8513101XA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI1-547/883	5962-8513102XA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI1-549/883	5962-8513103EA	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI1-5700S/883	5962-9467801MXA	1(1)	A/D CONVERTER, 8-BIT, FLASH, 20 MSPS	Harris
HI1-574ATD/883	5962-8512704XA	1	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
HI1-574AUD/883	5962-8512703XA	1	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
HI4-0201/883	77053022A	1	ANALOG SWITCH, SPST, 4-CHANNEL, WITH DIELECTRIC ISOLATION	Harris
HI4-0201HS/883	5962-86716012A	1	ANALOG SWITCH, SPST, 4-CHANNEL, HIGH-SPEED	Harris
HI4-0222/883	5962-9456201M2A	1	VIDEO SWITCH, HIGH-FREQUENCY	Harris
HI4-0508/883	77052012A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI4-0548/883	77052022A	0	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI4-5043/883	81006122A	1(.5)	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
HI4-5045/883	81006142A	1	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
HI4-5049/883	81006202A	1	ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS	Harris
HI4-5051/883	81006222A	1	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	Harris
HI4-506/883	5962-85131073A	1(.3)	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL	Harris
HI4-507/883	5962-85131083A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	Harris
HI4-509/883	5962-85131092A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CHANNEL	Harris
HI4-516/883	5962-88699013A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL/8-CHANNEL DIFFERENTIAL	Harris
HI4-546/883	5962-85131013A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	Harris
HI4-547/883	5962-85131023A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI4-549/883	5962-85131032A	1	ANALOG MULTIPLEXER/DEMUTIPLEXER, 4-CH. DIFFERENTIAL, W/OVERVOLTAGE PROTECTION	Harris
HI4-574ATE/883	5962-8512704YA	1	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
HI4-574AUE/883	5962-8512703YA	1	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	Harris
HM1-6504	M38510/24501BVA	1(.5)	STATIC RAM, 4K X 1, 300 NS ACCESS TIME	Harris
HM1-6504/883	8102405VA	1(1.5)	STATIC RAM, 4K X 1, 300 NS ACCESS TIME	Harris
HM1-6504B/883	8102403VA	1	STATIC RAM, 4K X 1, 200 NS ACCESS TIME	Harris
HM1-6504S/883	8102401VA	1	STATIC RAM, 4K X 1, 120 NS ACCESS TIME	Harris
HM1-6514	M38510/24502BVA	1(.5)	STATIC RAM, 1K X 4, 300 NS ACCESS TIME	Harris
HM1-6514/883	8102406VA	1	STATIC RAM, 1K X 4, 300 NS ACCESS TIME	Harris
HM1-6514B/883	8102404VA	1	STATIC RAM, 1K X 4, 200 NS ACCESS TIME	Harris
HM1-6514S/883	8102402VA	1	STATIC RAM, 1K X 4, 120 NS ACCESS TIME	Harris
HM1-6516	M38510/29102BJA	1(.5)	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
HM1-6516/883	8403601JA	1	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
HM1-65162	M38510/29104BJA	1(1)	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
HM1-65162/883	8403602JA	1	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
HM1-65162B	M38510/29110BJA	1(1)	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
HM1-65162B/883	8403606JA	1	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
HM1-65162C/883	8403603JA	1	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
HM1-6516B/883	8403607JA	1	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	Harris
HM1-65262	M38510/29103BRA	1(1.5)	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
HM1-65262/883	8413201RA	1	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
HM1-65262B	M38510/29109BRA	1(1.5)	STATIC RAM, 16K X 1, WITH 3-STATE OUTPUTS	Harris

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HM1-65262B/883	8413203RA	1	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	Harris
HM1-65642	M38510/29205BXA	1(1)	STATIC RAM, 8K X 8, SELECTABLE MODE	Harris
HM1-6617/883	5962-8954001JA	1	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
HM1-6617B/883	5962-8954002JA	1	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
HM1-6642/883	5962-8869001JA	1	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
HM1-6642B/883	5962-8869002JA	1	PROM, 512 X 8, 140 NS ACCESS TIME	Harris
HM4-6516/883	8403601ZA	1	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	Harris
HM4-65162/883	8403602ZA	1	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
HM4-65162B/883	8403606ZA	1	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	Harris
HM4-65162C/883	8403603ZA	1	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	Harris
HM4-6516B/883	8403607ZA	1	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	Harris
HM4-65262/883	8413201YA	1	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	Harris
HM4-65262B/883	8413203YA	1	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	Harris
HM4-6617/883	5962-8954001XA	1	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
HM4-6617B/883	5962-8954002XA	1	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
HM4-6642/883	5962-88690013A	1	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
HM4-6642B/883	5962-88690023A	1	PROM, 512 X 8, 140 NS ACCESS TIME	Harris
HM6-6617/883	5962-8954001LA	1	PROM, 2K X 8, 140 NS ACCESS TIME	Harris
HM6-6617B/883	5962-8954002LA	1	PROM, 2K X 8, 105 NS ACCESS TIME	Harris
HM6-6642/883	5962-8869001LA	1	PROM, 512 X 8, 220 NS ACCESS TIME	Harris
HM6-6642B/883	5962-8869002LA	1	PROM, 512 X 8, 140 NS ACCESS TIME	Harris
HPC003U20/883	5962-9054401MYC	1	MICROCONTROLLER, HIGH PERFORMANCE	National
HPC083XXX/U/883	5962-9054402MYC	1	MICROCONTROLLER, HIGH PERFORMANCE	National
HR2010	5962H94A0304Q*C	2	CUSTOM GATE ARRAY, 4000 GATES	Honeywell
HR2065	5962H94A0305QZC	2	CUSTOM GATE ARRAY, 26000 GATES	Honeywell
HR2065	5962H94A0305VZC	2	CUSTOM GATE ARRAY, 26000 GATES	Honeywell
HR2090	5962H94A0306QTC	2	CUSTOM GATE ARRAY, 36000 GATES	Honeywell
HR2090	5962H94A0306VTC	2	CUSTOM GATE ARRAY, 36000 GATES	Honeywell
HR2125	5962H94A0301VTC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2125	5962H94A0301QYC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2125	5962H94A0301QTC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2125	5962H94A0301VYC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2125	5962H94A0301VUC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2125	5962H94A0301QUC	2	CUSTOM GATE ARRAY, 50320 GATES	Honeywell
HR2210	5962H94A0302VYC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302QUC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302VUC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302QYC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302VXC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302QTC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302VTC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2210	5962H94A0302QXC	2	CUSTOM GATE ARRAY, 82684 GATES	Honeywell
HR2340	5962H94A0303QMC	2	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
HR2340	5962H94A0303VMC	2	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
HR2340	5962H94A0303VTC	2	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
HR2340	5962H94A0303QTC	2	CUSTOM GATE ARRAY, 134502 GATES	Honeywell
HS1-3182/883	5962-8687901EA	1	LINE DRIVER, ARINC BUS INTERFACE	Harris
HS1-3282/883	5962-8688001QA	1	BUS INTERFACE CIRCUIT, ARINC	Harris
HS4-3182/883	5962-86879013A	1	LINE DRIVER, ARINC BUS INTERFACE	Harris
HS4-3282/883	5962-8688001XA	1	BUS INTERFACE CIRCUIT, ARINC	Harris
HSP43891GM-20/883	5962-9209701MXC	1(.5)	FILTER, DIGITAL	Harris
HSP43891GM-20/883	5962-9209701MXC	1	FILTER, DIGITAL	Harris
HSP43891GM-25/883	5962-9209702MXC	1	FILTER, DIGITAL	Harris
HSP48410GM-25/883	5962-9457301MXC	1(1)	HISTOGRAMMER/ACCUMULATING BUFFER	Harris
HSP48410GM-33/883	5962-9457302MXC	1(1)	HISTOGRAMMER/ACCUMULATING BUFFER	Harris
HSP48908GM-20/883	5962-9300701MXC	1	CONVOLVER, TWO-DIMENSIONAL	Harris
HSP48908GM-27/883	5962-9300702MXC	1	CONVOLVER, TWO-DIMENSIONAL	Harris
ICL7667MTA/883B	5962-8766001PA	1	DRIVER, MOSFET, DUAL POWER	Harris
ICL7667MTV/883B	5962-8766001GC	1	DRIVER, MOSFET, DUAL POWER	Harris
ICL8038AMJD/883B	5962-8877201CA	1	WAVEFORM GENERATOR/VOLTAGE-CONTROLLED OSCILLATOR, PRECISION	Harris
ICL8211MTY/883B	5962-8984201GC	1	VOLT. DETECTOR, PROGRAMMABLE	Harris
ICL8212MTY/883B	5962-8984202GC	1	VOLTAGE DETECTOR, PROGRAMMABLE, HIGH OUTPUT CURRENT	Harris
ICM7170MDG/883B	5962-8765301JC	1	CLOCK, REAL-TIME, MICROPROCESSOR-COMPATIBLE	Harris
ICM7170MDG/883B	5962-8765301JA	1	CLOCK, REAL-TIME, MICROPROCESSOR-COMPATIBLE	Harris
ICM7555MTV/883B	5962-8950303GC	0	TIMER, LOW-POWER PRECISION	Harris
ICM7556MJD/883B	5962-8950304CA	0	TIMER, DUAL, LOW-POWER PRECISION	Harris
IHS040MDE	M38510/10501BEA	1(0)	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	Harris
IHS041MDE	M38510/10502BEA	1(0)	ANALOG SWITCH, SPST, 2-CHANNEL, 75 OHMS	Harris
IHS042MDE	M38510/10503BEA	1(0)	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	Harris
IHS043MDE	M38510/10504BEA	1(0)	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
IHS043MJE	8100604EA	1	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	Harris
IHS044MDE	M38510/10505BEA	1(.5)	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	Harris

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IH5045MDE	M38510/10506BEA	1(0)	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	Harris
IH5352MJE/883B	5962-8875001EA	1	ANALOG SWITCH, SPST, 4-CHANNEL, RF/VIDEO	Harris
JD2147H01	M38510/23801BVA	1	STATIC RAM, 4K X 1, WITH 3-STATE OUTPUTS	Intel
JD2147H03	M38510/23803BVA	1	STATIC RAM, 4K X 1	Intel
JD2147H05	M38510/23805BVA	1	STATIC RAM, 4K X 1	Intel
JD2147H07	M38510/23807BVA	1	STATIC RAM, 4K X 1	Intel
JD2148H06	M38510/23806BVA	1	STATIC RAM, 1K X 4	Intel
JD27256-17	M38510/22403BYA	1	PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME	Intel
JD27256-20	M38510/22402BYA	1	PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME	Intel
JD37256-25	M38510/22401BYA	1	PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME	Intel
JD5400BCA	M38510/00104BCA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD5400BDA	M38510/00104BDA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD5400SCA	M38510/00104SCA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD5400SDA	M38510/00104SDA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD5401BCA	M38510/00107BCA	1(0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5401BDA	M38510/00107BDA	1(0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5402BCA	M38510/00401BCA	1(0)	NOR GATE, QUAD 2-INPUT	National
JD5402BDA	M38510/00401BDA	1(0)	NOR GATE, QUAD 2-INPUT	National
JD5402SCA	M38510/00401SCA	1(0)	NOR GATE, QUAD 2-INPUT	National
JD5402SDA	M38510/00401SDA	1(0)	NOR GATE, QUAD 2-INPUT	National
JD5403BCA	M38510/00109BCA	1(0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5404BCA	M38510/00105BCA	1(0)	HEX INVERTER	National
JD5404BDA	M38510/00105BDA	1(0)	HEX INVERTER	National
JD5404SCA	M38510/00105SCA	1(0)	HEX INVERTER	National
JD5404SDA	M38510/00105SDA	1(0)	HEX INVERTER	National
JD5406BCA	M38510/00801BCA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5406BDA	M38510/00801BDA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5406SCA	M38510/00801SCA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5406SDA	M38510/00801SDA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5407BCA	M38510/00803BCA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5407BDA	M38510/00803BDA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5407SCA	M38510/00803SCA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5407SDA	M38510/00803SDA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5408BCA	M38510/01601BCA	1(0)	AND GATE, QUAD 2-INPUT	National
JD5408BDA	M38510/01601BDA	1(0)	AND GATE, QUAD 2-INPUT	National
JD5409BCA	M38510/01602BCA	1(0)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5409BDA	M38510/01602BDA	1(0)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5410BCA	M38510/00103BCA	1(0)	NAND GATE, TRIPLE 3-INPUT	National
JD5410BDA	M38510/00103BDA	1(0)	NAND GATE, TRIPLE 3-INPUT	National
JD5410SDA	M38510/00103SDA	1(0)	NAND GATE, TRIPLE 3-INPUT	National
JD54121BCA	M38510/01201BCA	1(0)	MULTIVIBRATOR, MONOSTABLE	National
JD54121BDA	M38510/01201BDA	1(0)	MULTIVIBRATOR, MONOSTABLE	National
JD5414BCA	M38510/15102BCA	1(0)	HEX INVERTER, SCHMITT TRIGGER	National
JD5414BDA	M38510/15102BDA	1(0)	HEX INVERTER, SCHMITT TRIGGER	National
JD54151BEA	M38510/01406BEA	1(0)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54151BFA	M38510/01406BFA	1(0)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54153BEA	M38510/01403BEA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54153BFA	M38510/01403BFA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54160BEA	M38510/01303BEA	2(2.5)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54160BFA	M38510/01303BFA	2(2.5)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54161BEA	M38510/01306BEA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54161SEA	M38510/01306SEA	1(0)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD5416BCA	M38510/00802BCA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5416BDA	M38510/00802BDA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD54174BEA	M38510/01701BEA	2(2.25)	FLIP-FLOP, D-TYPE, HEX	National
JD54174BFA	M38510/01701BFA	2(2.25)	FLIP-FLOP, D-TYPE, HEX	National
JD54175BEA	M38510/01702BEA	1(0)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54175BFA	M38510/01702BFA	1(0)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD5417BCA	M38510/00804BCA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD5417BDA	M38510/00804BDA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	National
JD54180BCA	M38510/01901BCA	1(0)	PARITY GENERATOR/CHECKER, 8-BIT	National
JD54180BDA	M38510/01901BDA	1(0)	PARITY GENERATOR/CHECKER, 8-BIT	National
JD54194BEA	M38510/00905BEA	1(0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
JD5420BCA	M38510/00102BCA	1(0)	NAND GATE, DUAL 4-INPUT	National
JD5420BDA	M38510/00102BDA	1(0)	NAND GATE, DUAL 4-INPUT	National
JD5426BCA	M38510/00805BCA	1(0)	BUFFER/DRIVER, QUAD 2-INPUT, INVERTING	National
JD5426BDA	M38510/00805BDA	1(0)	BUFFER/DRIVER, QUAD 2-INPUT, INVERTING	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD5430BCA	M38510/00101BCA	1 (0)	NAND GATE, 8-INPUT	National
JD5430BDA	M38510/00101BDA	1 (0)	NAND GATE, 8-INPUT	National
JD5437BCA	M38510/00302BCA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	National
JD5437BDA	M38510/00302BDA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	National
JD5438BCA	M38510/00303BCA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5438BDA	M38510/00303BDA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5438SCA	M38510/00303SCA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5438SDA	M38510/00303SDA	1 (0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5440BCA	M38510/00301BCA	2 (2)	BUFFER/DRIVER, NAND, DUAL 4-INPUT	National
JD5440BDA	M38510/00301BDA	2 (2)	BUFFER/DRIVER, NAND, DUAL 4-INPUT	National
JD5442BEA	M38510/01001BEA	1 (0)	DECODER, BCD-TO-DECIMAL	National
JD5442BFA	M38510/01001BFA	1 (0)	DECODER, BCD-TO-DECIMAL	National
JD5447BEA	M38510/01007BEA	1 (0)	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	National
JD5474BCA	M38510/00205BCA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD5474BDA	M38510/00205BDA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD5483BEA	M38510/00602BEA	1 (0)	ADDER, 4-BIT	National
JD5483BFA	M38510/00602BFA	1 (0)	ADDER, 4-BIT	National
JD5486BCA	M38510/00701BCA	1 (0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD5486BDA	M38510/00701BDA	1 (0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD5495BCA	M38510/00901BCA	1 (0)	SHIFT REGISTER, 4-BIT	National
JD5495BDA	M38510/00901BDA	1 (0)	SHIFT REGISTER, 4-BIT	National
JD54F00B2A	M38510/33001B2A	3 (6)	NAND GATE, QUAD 2-INPUT	National
JD54F00BCA	M38510/33001BCA	3 (6)	NAND GATE, QUAD 2-INPUT	National
JD54F00BDA	M38510/33001BDA	3 (6)	NAND GATE, QUAD 2-INPUT	National
JD54F00SCA	M38510/33001SCA	3 (6)	NAND GATE, QUAD 2-INPUT	National
JD54F00SDA	M38510/33001SDA	3 (6)	NAND GATE, QUAD 2-INPUT	National
JD54F02B2A	M38510/33301B2A	2 (2.5)	NOR GATE, QUAD 2-INPUT	National
JD54F02BCA	M38510/33301BCA	2 (2.5)	NOR GATE, QUAD 2-INPUT	National
JD54F02BDA	M38510/33301BDA	2 (2.5)	NOR GATE, QUAD 2-INPUT	National
JD54F02SCA	M38510/33301SCA	2 (2.5)	NOR GATE, QUAD 2-INPUT	National
JD54F02SDA	M38510/33301SDA	2 (2.5)	NOR GATE, QUAD 2-INPUT	National
JD54F04B2A	M38510/33002B2A	3 (6.25)	HEX INVERTER	National
JD54F04BCA	M38510/33002BCA	3 (6.25)	HEX INVERTER	National
JD54F04BDA	M38510/33002BDA	3 (6.25)	HEX INVERTER	National
JD54F04SCA	M38510/33002SCA	3 (6.25)	HEX INVERTER	National
JD54F04SDA	M38510/33002SDA	3 (6.25)	HEX INVERTER	National
JD54F08B2A	M38510/34001B2A	3 (6.5)	AND GATE, QUAD 2-INPUT	National
JD54F08BCA	M38510/34001BCA	3 (6.5)	AND GATE, QUAD 2-INPUT	National
JD54F08BDA	M38510/34001BDA	3 (6.5)	AND GATE, QUAD 2-INPUT	National
JD54F08SCA	M38510/34001SCA	3 (6.5)	AND GATE, QUAD 2-INPUT	National
JD54F08SDA	M38510/34001SDA	3 (6.5)	AND GATE, QUAD 2-INPUT	National
JD54F10B2A	M38510/34102B2A	2 (2.25)	FLIP-FLOP, JK, DUAL	National
JD54F10BCA	M38510/34102BCA	2 (2.25)	FLIP-FLOP, JK, DUAL	National
JD54F10BDA	M38510/34102BDA	2 (2.25)	FLIP-FLOP, JK, DUAL	National
JD54F10SCA	M38510/33003SCA	2 (2.5)	NAND GATE, TRIPLE 3-INPUT	National
JD54F10SDA	M38510/33003SDA	2 (2.5)	NAND GATE, TRIPLE 3-INPUT	National
JD54F11B2A	M38510/34002B2A	2 (2.5)	AND GATE, QUAD 2-INPUT	National
JD54F11BCA	M38510/34002BCA	2 (2.5)	AND GATE, QUAD 2-INPUT	National
JD54F11BDA	M38510/34002BDA	2 (2.5)	AND GATE, QUAD 2-INPUT	National
JD54F11SCA	M38510/34002SCA	2 (2.5)	AND GATE, QUAD 2-INPUT	National
JD54F11SDA	M38510/34002SDA	2 (2.5)	AND GATE, QUAD 2-INPUT	National
JD54F13B2A	M38510/33701B2A	2 (2.75)	DECODER, 3-TO-8-LINE	National
JD54F13BBEA	M38510/33701BEA	2 (2.75)	DECODER, 3-TO-8-LINE	National
JD54F13BBFA	M38510/33701BFA	2 (2.75)	DECODER, 3-TO-8-LINE	National
JD54F13BSEA	M38510/33701SEA	2 (2.75)	DECODER, 3-TO-8-LINE	National
JD54F13BSFA	M38510/33701SFA	2 (2.75)	DECODER, 3-TO-8-LINE	National
JD54F139B2A	M38510/33702B2A	3 (6.75)	DECODER, DUAL 2-TO-4-LINE	National
JD54F139BEA	M38510/33702BEA	3 (6.75)	DECODER, DUAL 2-TO-4-LINE	National
JD54F139BFA	M38510/33702BFA	3 (6.75)	DECODER, DUAL 2-TO-4-LINE	National
JD54F139SEA	M38510/33702SEA	3 (6.75)	DECODER, DUAL 2-TO-4-LINE	National
JD54F139SFA	M38510/33702SFA	3 (6.75)	DECODER, DUAL 2-TO-4-LINE	National
JD54F151B2A	M38510/33901B2A	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54F151BEA	M38510/33901BEA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54F151BFA	M38510/33901BFA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54F151SEA	M38510/33901SEA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54F151SFA	M38510/33901SFA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD54F153B2A	M38510/33902B2A	3 (5.5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54F153BEA	M38510/33902BEA	3 (5.5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54F153BFA	M38510/33902BFA	3 (5.5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54F153SEA	M38510/33902SEA	3 (5.5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54F153SFA	M38510/33902SFA	3 (5.5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54F157B2A	M38510/33903B2A	3 (5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F157BEA	M38510/33903BEA	3 (5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F157BFA	M38510/33903BFA	3 (5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F157SEA	M38510/33903SEA	3 (5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F157SFA	M38510/33903SFA	3 (5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F158B2A	M38510/33904B2A	3 (5.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F158BEA	M38510/33904BEA	3 (5.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F158BFA	M38510/33904BFA	3 (5.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F158SEA	M38510/33904SEA	3 (5.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F158SFA	M38510/33904SFA	3 (5.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54F160B2A	M38510/34401B2A	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54F160BEA	M38510/34401BEA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54F160BFA	M38510/34401BFA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54F160SEA	M38510/34401SEA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54F160SFA	M38510/34401SFA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	National
JD54F161B2A	M38510/34301B2A	3 (6.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F161BEA	M38510/34301BEA	3 (6.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F161BFA	M38510/34301BFA	3 (6.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F161SEA	M38510/34301SEA	3 (6.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F161SFA	M38510/34301SFA	3 (6.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F163B2A	M38510/34302B2A	3 (6)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F163BEA	M38510/34302BEA	3 (6)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F163BFA	M38510/34302BFA	3 (6)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F163SEA	M38510/34302SEA	3 (6)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F163SFA	M38510/34302SFA	3 (6)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54F174B2A	M38510/34107B2A	3 (7.5)	FLIP-FLOP, D-TYPE, HEX	National
JD54F174BEA	M38510/34107BEA	3 (7.5)	FLIP-FLOP, D-TYPE, HEX	National
JD54F174BFA	M38510/34107BFA	3 (7.5)	FLIP-FLOP, D-TYPE, HEX	National
JD54F174SEA	M38510/34107SEA	3 (7.5)	FLIP-FLOP, D-TYPE, HEX	National
JD54F174SFA	M38510/34107SFA	3 (7.5)	FLIP-FLOP, D-TYPE, HEX	National
JD54F175B2A	M38510/34104B2A	3 (7.5)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54F175BEA	M38510/34104BEA	3 (7.5)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54F175BFA	M38510/34104BFA	3 (7.5)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54F181BKA	M38510/33801BKA	3 (7.75)	ALU/FUNCTION GENERATOR, 4-BIT	National
JD54F181BLA	M38510/33801BLA	3 (7.75)	ALU/FUNCTION GENERATOR, 4-BIT	National
JD54F182B2A	M38510/33802B2A	3 (5)	LOOK AHEAD CARRY GENERATOR	National
JD54F182BEA	M38510/33802BEA	3 (5)	LOOK AHEAD CARRY GENERATOR	National
JD54F182BFA	M38510/33802BFA	3 (5)	LOOK AHEAD CARRY GENERATOR	National
JD54F192B2A	M38510/34404B2A	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
JD54F192BEA	M38510/34404BEA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
JD54F192BFA	M38510/34404BFA	3 (7)	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
JD54F193B2A	M38510/34304B2A	3 (7)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54F193BEA	M38510/34304BEA	3 (7)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54F193BFA	M38510/34304BFA	3 (7)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54F194B2A	M38510/33601B2A	1 (1.75)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
JD54F194BEA	M38510/33601BEA	1 (1.75)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
JD54F194BFA	M38510/33601BFA	1 (1.75)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	National
JD54F20B2A	M38510/33004B2A	1 (1.5)	NAND GATE, DUAL 4-INPUT	National
JD54F20BCA	M38510/33004BCA	1 (1.5)	NAND GATE, DUAL 4-INPUT	National
JD54F20BDA	M38510/33004BDA	1 (1.5)	NAND GATE, DUAL 4-INPUT	National
JD54F20SCA	M38510/33004SCA	1 (1.5)	NAND GATE, DUAL 4-INPUT	National
JD54F20SDA	M38510/33004SDA	1 (1.5)	NAND GATE, DUAL 4-INPUT	National
JD54F241B2A	M38510/33202B2A	3 (6.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F241BRA	M38510/33202BRA	3 (6.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F241BSA	M38510/33202BSA	3 (6.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F241SRA	M38510/33202SRA	3 (6.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F241SSA	M38510/33202SSA	3 (6.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F244B2A	M38510/33203B2A	3 (7)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F244BRA	M38510/33203BRA	3 (7)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F244BSA	M38510/33203BSA	3 (7)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F244SRA	M38510/33203SRA	3 (7)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F244SSA	M38510/33203SSA	3 (7)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54F245B2A	M38510/34803B2A	3 (8)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
JD54F245BRA	M38510/34803BRA	3 (8)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
JD54F245BSA	M38510/34803BSA	3 (8)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
JD54F245SRA	M38510/34803SRA	3 (8)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
JD54F245SSA	M38510/34803SSA	3 (8)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	National
JD54F251B2A	M38510/33905B2A	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3 STATE OUTPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JDS4F251BEA	M38510/33905BEA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F251BFA	M38510/33905BFA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F251SEA	M38510/33905SEA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F251SFA	M38510/33905SFA	2 (2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F253B2A	M38510/33908B2A	3 (5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F253BEA	M38510/33908BEA	3 (5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F253BFA	M38510/33908BFA	3 (5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F253SEA	M38510/33908SEA	3 (5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F253SFA	M38510/33908SFA	3 (5)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F257R2A	M38510/33906R2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F257BEA	M38510/33906BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F257BFA	M38510/33906BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F257SEA	M38510/33906SEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F257SFA	M38510/33906SFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F258B2A	M38510/33907B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F258BEA	M38510/33907BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F258BFA	M38510/33907BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F258SEA	M38510/33907SEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F258SFA	M38510/33907SFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JDS4F280B2A	M38510/34901B2A	3 (7.25)	PARITY GENERATOR/CHECKER, 9-BIT	National
JDS4F280BCA	M38510/34901BCA	3 (7.25)	PARITY GENERATOR/CHECKER, 9-BIT	National
JDS4F280BDA	M38510/34901BDA	3 (7.25)	PARITY GENERATOR/CHECKER, 9-BIT	National
JDS4F280SCA	M38510/34901SCA	3 (7.25)	PARITY GENERATOR/CHECKER, 9-BIT	National
JDS4F280SDA	M38510/34901SDA	3 (7.25)	PARITY GENERATOR/CHECKER, 9-BIT	National
JDS4F283B2A	M38510/34201B2A	3 (7)	ADDER, 4-BIT FULL	National
JDS4F283BEA	M38510/34201BEA	3 (7)	ADDER, 4-BIT FULL	National
JDS4F283BFA	M38510/34201BFA	3 (7)	ADDER, 4-BIT FULL	National
JDS4F283SEA	M38510/34201SEA	3 (7)	ADDER, 4-BIT FULL	National
JDS4F283SFA	M38510/34201SFA	3 (7)	ADDER, 4-BIT FULL	National
JDS4F32B2A	M38510/33501B2A	3 (5.25)	OR GATE, QUAD 2-INPUT	National
JDS4F32BCA	M38510/33501BCA	3 (5.25)	OR GATE, QUAD 2-INPUT	National
JDS4F32BDA	M38510/33501BDA	3 (5.25)	OR GATE, QUAD 2-INPUT	National
JDS4F32SCA	M38510/33501SCA	3 (5.25)	OR GATE, QUAD 2-INPUT	National
JDS4F32SDA	M38510/33501SDA	3 (5.25)	OR GATE, QUAD 2-INPUT	National
JDS4F365B2A	M38510/35101B2A	2 (3)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JDS4F365BEA	M38510/35101BEA	2 (3)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JDS4F365BFA	M38510/35101BFA	2 (3)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JDS4F373B2A	M38510/34601B2A	3 (5.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F373BRA	M38510/34601BRA	3 (5.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F373BSA	M38510/34601BSA	3 (5.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F373SRA	M38510/34601SRA	3 (5.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F373SSA	M38510/34601SSA	3 (5.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F374B2A	M38510/34105B2A	3 (6.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F374BRA	M38510/34105BRA	3 (6.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F374BSA	M38510/34105BSA	3 (6.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F38B2A	M38510/35202B2A	2 (2.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JDS4F38BCA	M38510/35202BCA	2 (2.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JDS4F38BDA	M38510/35202BDA	2 (2.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JDS4F398B2A	M38510/35001B2A	2 (2.25)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F398BRA	M38510/35001BRA	2 (2.25)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F398BSA	M38510/35001BSA	2 (2.25)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F398SRA	M38510/35001SRA	2 (2.25)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F398SSA	M38510/35001SSA	2 (2.25)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F399B2A	M38510/35002B2A	2 (2.75)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F399BEA	M38510/35002BEA	2 (2.75)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F399BFA	M38510/35002BFA	2 (2.75)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F399SEA	M38510/35002SEA	2 (2.75)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F399SFA	M38510/35002SFA	2 (2.75)	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	National
JDS4F521B2A	M38510/34701B2A	2 (2)	IDENTITY COMPARATOR, 8-BIT	National
JDS4F521BRA	M38510/34701BRA	2 (2)	IDENTITY COMPARATOR, 8-BIT	National
JDS4F521BSA	M38510/34701BSA	2 (2)	IDENTITY COMPARATOR, 8-BIT	National
JDS4F521SRA	M38510/34701SRA	2 (2)	IDENTITY COMPARATOR, 8-BIT	National
JDS4F521SSA	M38510/34701SSA	2 (2)	IDENTITY COMPARATOR, 8-BIT	National
JDS4F533B2A	M38510/34602B2A	3 (6)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F533BRA	M38510/34602BRA	3 (6)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F533BSA	M38510/34602BSA	3 (6)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F534B2A	M38510/34106B2A	3 (6.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F534BRA	M38510/34106BRA	3 (6.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F534BSA	M38510/34106BSA	3 (6.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JDS4F540B2A	M38510/33204B2A	1 (1.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD54F540BRA	M38510/33204BRA	1 (1.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JD54F540BSA	M38510/33204BSA	1 (1.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JD54F563B2A	M38510/34603B2A	3 (6.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F563BRA	M38510/34603BRA	3 (6.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F563BSA	M38510/34603BSA	3 (6.5)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F573B2A	M38510/34604B2A	3 (4.75)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F573BRA	M38510/34604BRA	3 (4.75)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F573BSA	M38510/34604BSA	3 (4.75)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JD54F64B2A	M38510/33401B2A	2 (2)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
JD54F64BCA	M38510/33401BCA	2 (2)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
JD54F64BDA	M38510/33401BDA	2 (2)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
JD54F64SCA	M38510/33401SCA	2 (2)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
JD54F64SDA	M38510/33401SDA	2 (2)	AND-OR-INVERT GATE, 4-2-2-2 INPUT	National
JD54F74B2A	M38510/34101B2A	2 (2.25)	FLIP-FLOP, D-TYPE, DUAL	National
JD54F74BCA	M38510/34101BCA	2 (2.25)	FLIP-FLOP, D-TYPE, DUAL	National
JD54F74BDA	M38510/34101BDA	2 (2.25)	FLIP-FLOP, D-TYPE, DUAL	National
JD54F74SCA	M38510/34101SCA	2 (2.25)	FLIP-FLOP, D-TYPE, DUAL	National
JD54F74SDA	M38510/34101SDA	2 (2.25)	FLIP-FLOP, D-TYPE, DUAL	National
JD54F86B2A	M38510/34501B2A	2 (2.5)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54F86BCA	M38510/34501BCA	2 (2.5)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54F86BDA	M38510/34501BDA	2 (2.5)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54F86SCA	M38510/34501SCA	2 (2.5)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54F86SDA	M38510/34501SDA	2 (2.5)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54L00BCA	M38510/02004BCA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54L00BDA	M38510/02004BDA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54L00SCA	M38510/02004SCA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54L00SDA	M38510/02004SDA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54L02BCA	M38510/02701BCA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54L02BDA	M38510/02701BDA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54L02SCA	M38510/02701SCA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54L02SDA	M38510/02701SDA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54L04BCA	M38510/02005BCA	1 (0)	HEX INVERTER	National
JD54L04BDA	M38510/02005BDA	1 (0)	HEX INVERTER	National
JD54L04SCA	M38510/02005SCA	1 (0)	HEX INVERTER	National
JD54L04SDA	M38510/02005SDA	1 (0)	HEX INVERTER	National
JD54L10BCA	M38510/02003BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54L10BDA	M38510/02003BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54L10SCA	M38510/02003SCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54L10SDA	M38510/02003SDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54L73BCA	M38510/02103BCA	1 (0)	FLIP-FLOP, JK, DUAL	National
JD54L73BDA	M38510/02103BDA	1 (0)	FLIP-FLOP, JK, DUAL	National
JD54L73SCA	M38510/02103SCA	1 (0)	FLIP-FLOP, JK, DUAL	National
JD54L73SDA	M38510/02103SDA	1 (0)	FLIP-FLOP, JK, DUAL	National
JD54L74BCA	M38510/02105BCA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54L74BDA	M38510/02105BDA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54L74SCA	M38510/02105SCA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54L74SDA	M38510/02105SDA	1 (0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54L86SCA	M38510/02601SCA	1 (0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54L86SDA	M38510/02601SDA	1 (0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54L93BCA	M38510/02502BCA	1 (0)	BINARY COUNTER, 4-BIT	National
JD54L93BDA	M38510/02502BDA	1 (0)	BINARY COUNTER, 4-BIT	National
JD54L93SCA	M38510/02502SCA	1 (0)	BINARY COUNTER, 4-BIT	National
JD54L93SDA	M38510/02502SDA	1 (0)	BINARY COUNTER, 4-BIT	National
JD54L95BCA	M38510/02801BCA	1 (0)	REGISTER, 4-BIT	National
JD54L95BDA	M38510/02801BDA	1 (0)	REGISTER, 4-BIT	National
JD54L95SCA	M38510/02801SCA	1 (0)	REGISTER, 4-BIT	National
JD54L95SDA	M38510/02801SDA	1 (0)	REGISTER, 4-BIT	National
JD54LS00B2A	M38510/30001B2A	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54LS00BCA	M38510/30001BCA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54LS00BDA	M38510/30001BDA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54LS00SCA	M38510/30001SCA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54LS00SDA	M38510/30001SDA	1 (0)	NAND GATE, QUAD 2-INPUT	National
JD54LS02B2A	M38510/30301B2A	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54LS02BCA	M38510/30301BCA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54LS02BDA	M38510/30301BDA	1 (0)	NOR GATE, QUAD 2-INPUT	National
JD54LS03B2A	M38510/30002B2A	1 (0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS03BCA	M38510/30002BCA	1 (0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS03BDA	M38510/30002BDA	1 (0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS03SCA	M38510/30002SCA	1 (0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS03SDA	M38510/30002SDA	1 (0)	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS04B2A	M38510/30003B2A	1 (0)	HEX INVERTER	National
JD54LS04BCA	M38510/30003BCA	1 (0)	HEX INVERTER	National
JD54LS04BDA	M38510/30003BDA	1 (0)	HEX INVERTER	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD54LS04SCA	M38510/30003SCA	1 (0)	HEX INVERTER	National
JD54LS04SDA	M38510/30003SDA	1 (0)	HEX INVERTER	National
JD54LS05B2A	M38510/30004B2A	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS05BCA	M38510/30004BCA	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS05BDA	M38510/30004BDA	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS05SCA	M38510/30004SCA	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS05SDA	M38510/30004SDA	1 (0)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS08B2A	M38510/31004B2A	1 (0)	AND GATE, QUAD 2-INPUT	National
JD54LS08BCA	M38510/31004BCA	1 (0)	AND GATE, QUAD 2-INPUT	National
JD54LS08BDA	M38510/31004BDA	1 (0)	AND GATE, QUAD 2-INPUT	National
JD54LS109B2A	M38510/30109B2A	1 (1.37)	FLIP-FLOP, JK, DUAL	National
JD54LS109BEA	M38510/30109BEA	1 (1.37)	FLIP-FLOP, JK, DUAL	National
JD54LS109BFA	M38510/30109BFA	1 (1.37)	FLIP-FLOP, JK, DUAL	National
JD54LS10B2A	M38510/30005B2A	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54LS10BCA	M38510/30005BCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54LS10BDA	M38510/30005BDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54LS10SCA	M38510/30005SCA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54LS10SDA	M38510/30005SDA	1 (0)	NAND GATE, TRIPLE 3-INPUT	National
JD54LS113B2A	M38510/30104B2A	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
JD54LS113BCA	M38510/30104BCA	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
JD54LS113BDA	M38510/30104BDA	1 (0)	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	National
JD54LS11B2A	M38510/31001B2A	1 (0)	AND GATE, TRIPLE 3-INPUT	National
JD54LS11BCA	M38510/31001BCA	1 (0)	AND GATE, TRIPLE 3-INPUT	National
JD54LS11BDA	M38510/31001BDA	1 (0)	AND GATE, TRIPLE 3-INPUT	National
JD54LS11SCA	M38510/31001SCA	1 (0)	AND GATE, TRIPLE 3-INPUT	National
JD54LS11SDA	M38510/31001SDA	1 (0)	AND GATE, TRIPLE 3-INPUT	National
JD54LS138B2A	M38510/30701B2A	1 (0)	DECODER, 3-TO-8-LINE	National
JD54LS138BEA	M38510/30701BEA	1 (0)	DECODER, 3-TO-8-LINE	National
JD54LS138BFA	M38510/30701BFA	1 (0)	DECODER, 3-TO-8-LINE	National
JD54LS138SEA	M38510/30701SEA	1 (0)	DECODER, 3-TO-8-LINE	National
JD54LS138SFA	M38510/30701SFA	1 (0)	DECODER, 3-TO-8-LINE	National
JD54LS139SEA	M38510/30702SEA	1 (0)	DECODER, DUAL 2-TO-4-LINE	National
JD54LS139SFA	M38510/30702SFA	1 (0)	DECODER, DUAL 2-TO-4-LINE	National
JD54LS151B2A	M38510/30901B2A	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS151BEA	M38510/30901BEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS151BFA	M38510/30901BFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS151S2A	M38510/30901S2A	1	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS151SEA	M38510/30901SEA	1	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS151SFA	M38510/30901SFA	1	DATA SEL/MULTIPLEXER, 8-INPUT	National
JD54LS153B2A	M38510/30902B2A	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54LS153BEA	M38510/30902BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54LS153BFA	M38510/30902BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54LS153SEA	M38510/30902SEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54LS153SFA	M38510/30902SFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD54LS157B2A	M38510/30903B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54LS157BEA	M38510/30903BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54LS157BFA	M38510/30903BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54LS157SEA	M38510/30903SEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54LS157SFA	M38510/30903SFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD54LS158B2A	M38510/30904B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
JD54LS158BEA	M38510/30904BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
JD54LS158BFA	M38510/30904BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
JD54LS158SEA	M38510/30904SEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
JD54LS158SFA	M38510/30904SFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	National
JD54LS161AB2A	M38510/31504B2A	1 (.25)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54LS161ABEA	M38510/31504BEA	1 (.25)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54LS161ABFA	M38510/31504BFA	1 (.25)	BINARY COUNTER, 4-BIT SYNCHRONOUS	National
JD54LS164B2A	M38510/30605B2A	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
JD54LS164BCA	M38510/30605BCA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
JD54LS164BDA	M38510/30605BDA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
JD54LS164SCA	M38510/30605SCA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
JD54LS164SDA	M38510/30605SDA	1 (0)	SHIFT REGISTER, 8-BIT PARALLEL-OUT	National
JD54LS169BEA	M38510/31506BEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	National
JD54LS174B2A	M38510/30106B2A	1 (0)	FLIP-FLOP, D-TYPE, HEX	National
JD54LS174BEA	M38510/30106BEA	1 (0)	FLIP-FLOP, D-TYPE, HEX	National
JD54LS174BFA	M38510/30106BFA	1 (0)	FLIP-FLOP, D-TYPE, HEX	National
JD54LS175B2A	M38510/30107B2A	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54LS175BEA	M38510/30107BEA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54LS175BFA	M38510/30107BFA	1 (0)	FLIP-FLOP, D-TYPE, 4-BIT	National
JD54LS193B2A	M38510/31508B2A	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54LS193BEA	M38510/31508BEA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54LS193BFA	M38510/31508BFA	1 (0)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
JD54LS194B2A	M38510/30601B2A	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD54LS194BEA	M38510/30601BEA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
JD54LS194BFA	M38510/30601BFA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
JD54LS194SEA	M38510/30601SEA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
JD54LS194SFA	M38510/30601SFA	1 (0)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	National
JD54LS20B2A	M38510/30007B2A	1 (0)	NAND GATE, DUAL 4-INPUT	National
JD54LS20BCA	M38510/30007BCA	1 (0)	NAND GATE, DUAL 4-INPUT	National
JD54LS20BDA	M38510/30007BDA	1 (0)	NAND GATE, DUAL 4-INPUT	National
JD54LS20SCA	M38510/30007SCA	1 (0)	NAND GATE, DUAL 4-INPUT	National
JD54LS20SDA	M38510/30007SDA	1 (0)	NAND GATE, DUAL 4-INPUT	National
JD54LS21B2A	M38510/31003B2A	1 (0)	AND GATE, DUAL 4-INPUT	National
JD54LS21BCA	M38510/31003BCA	1 (0)	AND GATE, DUAL 4-INPUT	National
JD54LS21BDA	M38510/31003BDA	1 (0)	AND GATE, DUAL 4-INPUT	National
JD54LS21SCA	M38510/31003SCA	1 (0)	AND GATE, DUAL 4-INPUT	National
JD54LS21SDA	M38510/31003SDA	1 (0)	AND GATE, DUAL 4-INPUT	National
JD54LS240B2A	M38510/32401B2A	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS240BRA	M38510/32401BRA	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS240BSA	M38510/32401BSA	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS241B2A	M38510/32402B2A	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS241BRA	M38510/32402BRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS241BSA	M38510/32402BSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS244B2A	M38510/32403B2A	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS244BRA	M38510/32403BRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS244BSA	M38510/32403BSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS244SRA	M38510/32403SRA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS244SSA	M38510/32403SSA	1 (0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS251B2A	M38510/30905B2A	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS251BEA	M38510/30905BEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS251BFA	M38510/30905BFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS251SEA	M38510/30905SEA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS251SFA	M38510/30905SFA	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS253B2A	M38510/30908B2A	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS253BEA	M38510/30908BEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS253BFA	M38510/30908BFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS253SEA	M38510/30908SEA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS253SFA	M38510/30908SFA	1 (0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	National
JD54LS257B2A	M38510/30906B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	National
JD54LS257BBEA	M38510/30906BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	National
JD54LS258B2A	M38510/30907B2A	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
JD54LS258BEA	M38510/30907BEA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
JD54LS258BFA	M38510/30907BFA	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	National
JD54LS259B2A	M38510/31603B2A	1 (0)	LATCH, 8-BIT ADDRESSABLE	National
JD54LS259BEA	M38510/31603BEA	1 (0)	LATCH, 8-BIT ADDRESSABLE	National
JD54LS259BFA	M38510/31603BFA	1 (0)	LATCH, 8-BIT ADDRESSABLE	National
JD54LS273B2A	M38510/32501B2A	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JD54LS273BRA	M38510/32501BRA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JD54LS273BSA	M38510/32501BSA	1 (0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JD54LS279B2A	M38510/31602B2A	1 (0)	LATCH, RS, 4-BIT	National
JD54LS279BEA	M38510/31602BEA	1 (0)	LATCH, RS, 4-BIT	National
JD54LS279BFA	M38510/31602BFA	1 (0)	LATCH, RS, 4-BIT	National
JD54LS27B2A	M38510/30302B2A	1 (0)	NOR GATE, TRIPLE 3-INPUT	National
JD54LS27BCA	M38510/30302BCA	1 (0)	NOR GATE, TRIPLE 3-INPUT	National
JD54LS27BDA	M38510/30302BDA	1 (0)	NOR GATE, TRIPLE 3-INPUT	National
JD54LS27SCA	M38510/30302SCA	1 (0)	NOR GATE, TRIPLE 3-INPUT	National
JD54LS27SDA	M38510/30302SDA	1 (0)	NOR GATE, TRIPLE 3-INPUT	National
JD54LS283B2A	M38510/31202B2A	1 (0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS283BEA	M38510/31202BEA	1 (0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS283BFA	M38510/31202BFA	1 (0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS30B2A	M38510/30009B2A	1 (0)	NAND GATE, 8-INPUT	National
JD54LS30BCA	M38510/30009BCA	1 (0)	NAND GATE, 8-INPUT	National
JD54LS30BDA	M38510/30009BDA	1 (0)	NAND GATE, 8-INPUT	National
JD54LS30SCA	M38510/30009SCA	1 (0)	NAND GATE, 8-INPUT	National
JD54LS30SDA	M38510/30009SDA	1 (0)	NAND GATE, 8-INPUT	National
JD54LS32B2A	M38510/30501B2A	1 (0)	OR GATE, QUAD 2-INPUT	National
JD54LS32BCA	M38510/30501BCA	1 (0)	OR GATE, QUAD 2-INPUT	National
JD54LS32BDA	M38510/30501BDA	1 (0)	OR GATE, QUAD 2-INPUT	National
JD54LS365ABEA	M38510/32201BEA	1 (0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS365ABFA	M38510/32201BFA	1 (0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS365B2A	M38510/32201B2A	1 (0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JD54LS366B2A	M38510/32202B2A	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS366BEA	M38510/32202BEA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS366BFA	M38510/32202BFA	1(0)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	National
JD54LS367ABEA	M38510/32203BEA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS367ABFA	M38510/32203BFA	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS367B2A	M38510/32203B2A	1(0)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	National
JD54LS368ABEA	M38510/32204BEA	1(0)	BUS DRIVER, HEX	National
JD54LS368ABFA	M38510/32204BFA	1(0)	BUS DRIVER, HEX	National
JD54LS368B2A	M38510/32204B2A	1(0)	BUS DRIVER, HEX	National
JD54LS388B2A	M38510/30203B2A	1(1.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS38BCA	M38510/30203BCA	1(1.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS38BDA	M38510/30203BDA	1(1.25)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	National
JD54LS42B2A	M38510/30703B2A	2(2.5)	DECODER, BCD-TO-DECIMAL	National
JD54LS42BEA	M38510/30703BEA	2(2.5)	DECODER, BCD-TO-DECIMAL	National
JD54LS42BFA	M38510/30703BFA	2(2.5)	DECODER, BCD-TO-DECIMAL	National
JD54LS42SEA	M38510/30703SEA	2(2.5)	DECODER, BCD-TO-DECIMAL	National
JD54LS42SFA	M38510/30703SFA	2(2.5)	DECODER, BCD-TO-DECIMAL	National
JD54LS51B2A	M38510/30401B2A	1(0)	AND-OR-INVERT GATE, DUAL 2-WIDE	National
JD54LS51BCA	M38510/30401BCA	1(0)	AND-OR-INVERT GATE, DUAL 2-WIDE	National
JD54LS51BDA	M38510/30401BDA	1(0)	AND-OR-INVERT GATE, DUAL 2-WIDE	National
JD54LS54B2A	M38510/30402B2A	1(0)	AND-OR-INVERT GATE	National
JD54LS54BCA	M38510/30402BCA	1(0)	AND-OR-INVERT GATE	National
JD54LS54BDA	M38510/30402BDA	1(0)	AND-OR-INVERT GATE	National
JD54LS670BEA	M38510/31901BEA	1(0)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	National
JD54LS74ABDA	M38510/30102BDA	1(0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54LS74B2A	M38510/30102B2A	1(0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54LS74BCA	M38510/30102BCA	1(0)	FLIP-FLOP, D-TYPE, DUAL	National
JD54LS83B2A	M38510/31201B2A	1(0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS83BEA	M38510/31201BEA	1(0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS83BFA	M38510/31201BFA	1(0)	ADDER, 4-BIT FULL, WITH FAST CARRY	National
JD54LS85B2A	M38510/31101B2A	1(0)	MAGNITUDE COMPARATOR, 4-BIT	National
JD54LS85BEA	M38510/31101BEA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	National
JD54LS85BFA	M38510/31101BFA	1(0)	MAGNITUDE COMPARATOR, 4-BIT	National
JD54LS86B2A	M38510/30502B2A	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54LS86BCA	M38510/30502BCA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54LS86BDA	M38510/30502BDA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54LS86SCA	M38510/30502SCA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD54LS86SDA	M38510/30502SDA	1(0)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JD55107BCA	M38510/10401BCA	1(0.75)	LINE RECEIVER, DUAL	National
JD55107BDA	M38510/10401BDA	1(0.75)	LINE RECEIVER, DUAL	National
JD55115BEA	M38510/10404BEA	1(1)	LINE RECEIVER, DUAL DIFFERENTIAL	National
JD55115BFA	M38510/10404BFA	1(1)	LINE RECEIVER, DUAL DIFFERENTIAL	National
JD808601	M38510/53001BQA	1	MICROPROCESSOR, 16-BIT	Intel
JD9309BFA	M38510/01404BFA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD9309BEA	M38510/01404BEA	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JD9322BEA	M38510/01405BEA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD9322BFA	M38510/01405BFA	1(0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JD9601BCA	M38510/01204BCA	1(0)	MULTIVIBRATOR, ONE-SHOT	National
JD9601BDA	M38510/01204BDA	1(0)	MULTIVIBRATOR, ONE-SHOT	National
JD9602BEA	M38510/01205BEA	1(0)	MULTIVIBRATOR, DUAL ONE-SHOT	National
JD9602BFA	M38510/01205BFA	1(0)	MULTIVIBRATOR, DUAL ONE-SHOT	National
JD9930BCA	M38510/03001BCA	1(0.5)	NAND GATE, DUAL 4-INPUT	National
JD9930BDA	M38510/03001BDA	1(0.5)	NAND GATE, DUAL 4-INPUT	National
JD9936BCA	M38510/03003BCA	1(0)	HEX INVERTER	National
JD9936BDA	M38510/03003BDA	1(0)	HEX INVERTER	National
JD9946BCA	M38510/03004BCA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD9946BDA	M38510/03004BDA	1(0)	NAND GATE, QUAD 2-INPUT	National
JD9962BCA	M38510/03005BCA	1(0)	NAND GATE, TRIPLE 3-INPUT	National
JD9962BDA	M38510/03005BDA	1(0)	NAND GATE, TRIPLE 3-INPUT	National
JL101ABCA	M38510/10103BCA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ABGA	M38510/10103BGA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ABHA	M38510/10103BHA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ABPA	M38510/10103BPA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ASCA	M38510/10103SCA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ASGA	M38510/10103SGA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ASHA	M38510/10103SHA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL101ASPA	M38510/10103SPA	2(3.5)	OP AMP, GENERAL PURPOSE	National
JL108ABCA	M38510/10104BCA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ABGA	M38510/10104BGA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ABHA	M38510/10104BHA	1(1.25)	OP AMP, GENERAL PURPOSE	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JL108ABPA	M38510/10104BPA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ASCA	M38510/10104SCA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ASGA	M38510/10104SGA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ASGC	M38510/10104SGC	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ASHA	M38510/10104SHA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL108ASPA	M38510/10104SPA	1(1.25)	OP AMP, GENERAL PURPOSE	National
JL109BXA	M38510/10701BXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
JL109BYA	M38510/10701BYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
JL109SXA	M38510/10701SXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
JL111RCA	M38510/10304RCA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111BGA	M38510/10304BGA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111BHA	M38510/10304BHA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111BPA	M38510/10304BPA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111SCA	M38510/10304SCA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111SGA	M38510/10304SGA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111SHA	M38510/10304SHA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL111SPA	M38510/10304SPA	1(0.4)	VOLT. COMPARATOR/BUFFER, PRECISION	National
JL117BXA	M38510/11703BXA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL117BYA	M38510/11704BYA	3(10)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL117SXA	M38510/11703SXA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL117SYA	M38510/11704SYA	3(10)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL118BCA	M38510/10107BCA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118BGA	M38510/10107BGA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118BHA	M38510/10107BHA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118BPA	M38510/10107BPA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118SCA	M38510/10107SCA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118SGA	M38510/10107SGA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118SHA	M38510/10107SHA	1(1.5)	OP AMP, HIGH-SPEED	National
JL118SPA	M38510/10107SPA	1(1.5)	OP AMP, HIGH-SPEED	National
JL119BCA	M38510/10306BCA	1(0.75)	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
JL119BIA	M38510/10306BIA	1(0.75)	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
JL120-12BXA	M38510/11502BXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-12BYA	M38510/11506BYA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-12SXA	M38510/11502SXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-12SYA	M38510/11506SYA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-15BXA	M38510/11503BXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-15BYA	M38510/11507BYA	3(9.75)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-15SXA	M38510/11503SXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-15SYA	M38510/11507SYA	3(9.75)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-5BXA	M38510/11501BXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-5BYA	M38510/11505BYA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-5SXA	M38510/11501SXA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL120-5SYA	M38510/11505SYA	3(10)	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	National
JL124ABCA	M38510/11006BCA	1(0.4)	OP AMP, QUAD	National
JL124ABDA	M38510/11006BDA	1(0.4)	OP AMP, QUAD	National
JL124ASCA	M38510/11006SCA	1(0.4)	OP AMP, QUAD	National
JL124ASDA	M38510/11006SDA	1(0.4)	OP AMP, QUAD	National
JL124BCA	M38510/11005BCA	1(0.3)	OP AMP, QUAD	National
JL124BDA	M38510/11005BDA	1(0.3)	OP AMP, QUAD	National
JL124SCA	M38510/11005SCA	1(0.3)	OP AMP, QUAD	National
JL124SDA	M38510/11005SDA	1(0.3)	OP AMP, QUAD	National
JL137BXA	M38510/11803BXA	1(1.5)	VOLT. REGULATOR, ADJ., NEGATIVE	National
JL137BYA	M38510/11804BYA	3(7)	VOLT. REGULATOR, ADJ., NEGATIVE	National
JL137SXA	M38510/11803SXA	1(1.5)	VOLT. REGULATOR, ADJ., NEGATIVE	National
JL137SYA	M38510/11804SYA	3(7)	VOLT. REGULATOR, ADJ., NEGATIVE	National
JL139BCA	M38510/11201BCA	1(0.87)	VOLT. COMPARATOR, QUAD	National
JL139BDA	M38510/11201BDA	1(0.87)	VOLT. COMPARATOR, QUAD	National
JL139SCA	M38510/11201SCA	1(0.87)	VOLT. COMPARATOR, QUAD	National
JL139SDA	M38510/11201SDA	1(0.87)	VOLT. COMPARATOR, QUAD	National
JL140-12BXA	M38510/10703BXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-12BYA	M38510/10707BYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-12SXA	M38510/10703SXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-12SYA	M38510/10707SYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-15BXA	M38510/10704BXA	3(7.5)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-15BYA	M38510/10708BYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-15SXA	M38510/10704SXA	3(7.5)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-15SYA	M38510/10708SYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-24BYA	M38510/10709BYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-5BXA	M38510/10702BXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-5BYA	M38510/10706BYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-5SXA	M38510/10702SXA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL140-5SYA	M38510/10706SYA	3(10)	VOLT. REGULATOR, FIXED, POSITIVE	National
JL147BCA	M38510/11906BCA	1(0.9)	OP AMP, QUAD, BIFET, LOW-POWER	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JL148BCA	M38510/11001BCA	1(0.5)	OP AMP, QUAD	National
JL148BDA	M38510/11001BDA	1(0.5)	OP AMP, QUAD	National
JL148SCA	M38510/11001SCA	1(0.5)	OP AMP, QUAD	National
JL148SDA	M38510/11001SDA	1(0.5)	OP AMP, QUAD	National
JL1558BGA	M38510/10108BGA	1(0.5)	OP AMP, DUAL	National
JL1558SGA	M38510/10108SGA	1(0.5)	OP AMP, DUAL	National
JL155BGA	M38510/11401BGA	1(1)	OP AMP, JFET-INPUT	National
JL156BGA	M38510/11402BGA	1(1.25)	OP AMP, JFET-INPUT	National
JL156SGA	M38510/11402SGA	1(1.25)	OP AMP, JFET-INPUT	National
JL198BCA	M38510/12501BCA	1(0.25)	SAMPLE AND HOLD AMPLIFIER	National
JL198SGA	M38510/12501SGA	1(0.25)	SAMPLE AND HOLD AMPLIFIER	National
JL2111BEA	M38510/10305BEA	1(0.4)	VOLT. COMPARATOR, DUAL	National
JL2111SEA	M38510/10305SEA	1(0.4)	VOLT. COMPARATOR, DUAL	National
JL3045BCA	M38510/10802BCA	1(0.8)	TRANSISTOR ARRAY	National
JL3045SCA	M38510/10802SCA	1(0.8)	TRANSISTOR ARRAY	National
JL411BGA	M38510/11904BGA	1(0.75)	OP AMP, BIFET, LOW-POWER	National
JL411BPA	M38510/11904BPA	1(0.75)	OP AMP, BIFET, LOW-POWER	National
JL412BGA	M38510/11905BGA	2(2.25)	OP AMP, DUAL, BI-FET, LOW POWER	National
JL412BPA	M38510/11905BPA	2(2.25)	OP AMP, DUAL, BI-FET, LOW POWER	National
JL4136BCA	M38510/11004BCA	1(1)	OP AMP, QUAD	National
JL4136SCA	M38510/11004SCA	1(1)	OP AMP, QUAD	National
JL555BGA	M38510/10901BGA	1(1)	TIMER, PRECISION	National
JL555BPA	M38510/10901BPA	1(1)	TIMER, PRECISION	National
JL555SGA	M38510/10901SGA	1(1)	TIMER, PRECISION	National
JL555SPA	M38510/10901SPA	1(1)	TIMER, PRECISION	National
JL710BCA	M38510/10301BCA	1(1.25)	VOLT. COMPARATOR, DIFFERENTIAL	National
JL710BGA	M38510/10301BGA	1(1.25)	VOLT. COMPARATOR, DIFFERENTIAL	National
JL710BHA	M38510/10301BHA	1(1.25)	VOLT. COMPARATOR, DIFFERENTIAL	National
JL711BIA	M38510/10302BIA	1(1)	VOLT. COMPARATOR, DUAL DIFFERENTIAL	National
JL723BCA	M38510/10201BCA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL723BIA	M38510/10201BIA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL723SCA	M38510/10201SCA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL723SIA	M38510/10201SIA	1(1.5)	VOLT. REGULATOR, ADJ., POSITIVE	National
JL741BCA	M38510/10101BCA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741BGA	M38510/10101BGA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741BHA	M38510/10101BHA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741BPA	M38510/10101BPA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741SCA	M38510/10101SCA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741SGA	M38510/10101SGA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741SHA	M38510/10101SHA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL741SPA	M38510/10101SPA	1(0.75)	OP AMP, GENERAL PURPOSE	National
JL747BCA	M38510/10102BCA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JL747BDA	M38510/10102BDA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JL747BIA	M38510/10102BIA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JL747SCA	M38510/10102SCA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JL747SDA	M38510/10102SDA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JL747SIA	M38510/10102SIA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	National
JM4001ABCA	M38510/05202BCA	1(1.75)	NOR GATE, QUAD 2-INPUT	National
JM4001ABDA	M38510/05202BDA	1(1.75)	NOR GATE, QUAD 2-INPUT	National
JM4001BBCA	M38510/05252BCA	1(0)	NOR GATE, QUAD 2-INPUT	National
JM4001BBDA	M38510/05252BDA	1(0)	NOR GATE, QUAD 2-INPUT	National
JM4002ABCA	M38510/05203BCA	2(3)	NOR GATE, DUAL 4-INPUT	National
JM4002ABDA	M38510/05203BDA	2(3)	NOR GATE, DUAL 4-INPUT	National
JM4006ABCA	M38510/05701BCA	1(1)	SHIFT REGISTER, DUAL 4-STAGE/5-STAGE	National
JM4006ABDA	M38510/05701BDA	1(1)	SHIFT REGISTER, DUAL 4-STAGE/5-STAGE	National
JM4007ABCA	M38510/05301BCA	1(0.4)	COMPLIMENTARY PAIR, DUAL	National
JM4007ABDA	M38510/05301BDA	1(0.4)	COMPLIMENTARY PAIR, DUAL	National
JM4011ABCA	M38510/05001BCA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM4011ABDA	M38510/05001BDA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM4012ABCA	M38510/05002BCA	3(4)	NAND GATE, DUAL 4-INPUT	National
JM4012ABDA	M38510/05002BDA	3(4)	NAND GATE, DUAL 4-INPUT	National
JM4013ABCA	M38510/05101BCA	3(5)	FLIP-FLOP, D-TYPE, DUAL	National
JM4013ABDA	M38510/05101BDA	3(5)	FLIP-FLOP, D-TYPE, DUAL	National
JM4013BBCA	M38510/05151BCA	3(5)	FLIP-FLOP, D-TYPE, DUAL	National
JM4013BBDA	M38510/05151BDA	3(5)	FLIP-FLOP, D-TYPE, DUAL	National
JM4014ABEA	M38510/05702BEA	1(1)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
JM4014ABFA	M38510/05702BFA	1(1)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
JM4015ABEA	M38510/05703BEA	1(1)	SHIFT REGISTER, DUAL 4-STAGE	National
JM4015ABFA	M38510/05703BFA	1(1)	SHIFT REGISTER, DUAL 4-STAGE	National
JM4017ABEA	M38510/05601BEA	3(4)	DECADE COUNTER	National
JM4017ABFA	M38510/05601BFA	3(4)	DECADE COUNTER	National
JM4018ABEA	M38510/05602BEA	2(2)	COUNTER, DIVIDE-BY-N	National
JM4018ABFA	M38510/05602BFA	2(2)	COUNTER, DIVIDE-BY-N	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM4018BBEA	M38510/05652BEA	2(2)	COUNTER, DIVIDE-BY-N	National
JM4018BBFA	M38510/05652BFA	2(2)	COUNTER, DIVIDE-BY-N	National
JM4019ABEA	M38510/05302BEA	3(4)	AND/OR SELECT GATE, QUAD	National
JM4019ABFA	M38510/05302BFA	3(4)	AND/OR SELECT GATE, QUAD	National
JM4019BBEA	M38510/05352BEA	3(4)	AND/OR SELECT GATE, QUAD	National
JM4019BBFA	M38510/05352BFA	3(4)	AND/OR SELECT GATE, QUAD	National
JM4020ABEA	M38510/05603BEA	1(1)	BINARY COUNTER, 14-STAGE	National
JM4020ABFA	M38510/05603BFA	1(1)	BINARY COUNTER, 14-STAGE	National
JM4021ABEA	M38510/05704BEA	1(0.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
JM4021ABFA	M38510/05704BFA	1(0.5)	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	National
JM4022ABEA	M38510/05604BEA	3(4)	COUNTER, DIVIDE-BY-8	National
JM4022ABFA	M38510/05604BFA	3(4)	COUNTER, DIVIDE-BY-8	National
JM4023ABEA	M38510/05003BEA	3(4)	NAND GATE, TRIPLE 3-INPUT	National
JM4023ABDA	M38510/05003BDA	3(4)	NAND GATE, TRIPLE 3-INPUT	National
JM4025ABEA	M38510/05204BEA	2(3)	NOR GATE, TRIPLE 3-INPUT	National
JM4025ABDA	M38510/05204BDA	2(3)	NOR GATE, TRIPLE 3-INPUT	National
JM4025BBEA	M38510/05254BEA	1(0)	NOR GATE, TRIPLE 3-INPUT	National
JM4025BBDA	M38510/05254BDA	1(0)	NOR GATE, TRIPLE 3-INPUT	National
JM4027ABEA	M38510/05102BEA	2(3.75)	FLIP-FLOP, JK, DUAL	National
JM4027ABFA	M38510/05102BFA	2(3.75)	FLIP-FLOP, JK, DUAL	National
JM4030ABEA	M38510/05303BEA	2(3)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM4030ABDA	M38510/05303BDA	2(3)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM4049ABEA	M38510/05503BEA	1(0.45)	HEX INVERTER BUFFER	National
JM4049ABFA	M38510/05503BFA	1(0.45)	HEX INVERTER BUFFER	National
JM4050ABEA	M38510/05504BEA	1(0.5)	HEX BUFFER, NONINVERTING	National
JM4050ABFA	M38510/05504BFA	1(0.5)	HEX BUFFER, NONINVERTING	National
JM4050BBEA	M38510/05554BEA	1(0.5)	HEX BUFFER, NONINVERTING	National
JM4050BBFA	M38510/05554BFA	1(0.5)	HEX BUFFER, NONINVERTING	National
JM54AC00B2A	M38510/75001B2A	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00BCA	M38510/75001BCA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00BCA-RH	M38510R75001BCA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00BDA	M38510/75001BDA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00BDA-RH	M38510R75001BDA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00S2A	M38510/75001S2A	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00SCA	M38510/75001SCA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00SCA-RH	M38510R75001SCA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00SDA	M38510/75001SDA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC00SDA-RH	M38510R75001SDA	3(4)	NAND GATE, QUAD 2-INPUT	National
JM54AC02B2A	M38510/75101B2A	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02BCA	M38510/75101BCA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02BCA-RH	M38510R75101BCA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02BDA	M38510/75101BDA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02BDA-RH	M38510R75101BDA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02S2A	M38510/75101S2A	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02SCA	M38510/75101SCA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02SCA-RH	M38510R75101SCA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02SDA	M38510/75101SDA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC02SDA-RH	M38510R75101SDA	2(2.75)	NOR GATE, QUAD 2-INPUT	National
JM54AC04B2A	M38510/75701B2A	3(9.25)	HEX INVERTER	National
JM54AC04BCA	M38510/75701BCA	3(9.25)	HEX INVERTER	National
JM54AC04BCA-RH	M38510R75701BCA	3(9.25)	HEX INVERTER	National
JM54AC04BDA	M38510/75701BDA	3(9.25)	HEX INVERTER	National
JM54AC04BDA-RH	M38510R75701BDA	3(9.25)	HEX INVERTER	National
JM54AC04S2A	M38510/75701S2A	3(9.25)	HEX INVERTER	National
JM54AC04SCA	M38510/75701SCA	3(9.25)	HEX INVERTER	National
JM54AC04SCA-RH	M38510R75701SCA	3(9.25)	HEX INVERTER	National
JM54AC04SDA	M38510/75701SDA	3(9.25)	HEX INVERTER	National
JM54AC04SDA-RH	M38510R75701SDA	3(9.25)	HEX INVERTER	National
JM54AC05B2A	5962-9059001B2A	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC05BCA	5962-9059001BCA	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC05BDA	5962-9059001BDA	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC05S2A	5962-9059001S2A	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC05SCA	5962-9059001SCA	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC05SDA	5962-9059001SDA	3(9.75)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	National
JM54AC08B2A	M38510/75203B2A	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08BCA	M38510/75203BCA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08BCA-RH	M38510R75203BCA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08BDA	M38510/75203BDA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08BDA-RH	M38510R75203BDA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08S2A	M38510/75203S2A	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08SCA	M38510/75203SCA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08SCA-RH	M38510R75203SCA	3(9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC08SDA	M38510/75203SDA	3(9.75)	AND GATE, QUAD 2-INPUT	National

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM54AC08SDA-RH	M38510R75203SDA	3 (9.75)	AND GATE, QUAD 2-INPUT	National
JM54AC109B2A	M38510/75304B2A	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109B2A-RH	M38510R75304B2A	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109BEA	M38510/75304BEA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109BFA	M38510/75304BFA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109BFA-RH	M38510R75304BEA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109S2A	M38510/75304S2A	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109SEA	M38510/75304SEA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109SEA-RH	M38510R75304SEA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC109SFA	M38510/75304SFA	3 (5.25)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC10B2A	M38510/75002B2A	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10BCA	M38510/75002BCA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10BCA-RH	M38510R75002BCA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10BDA	M38510/75002BDA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10BDA-RH	M38510R75002BDA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10S2A	M38510/75002S2A	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10SCA	M38510/75002SCA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10SCA-RH	M38510R75002SCA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10SDA	M38510/75002SDA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC10SDA-RH	M38510R75002SDA	3 (7.25)	NAND GATE, TRIPLE 3-INPUT	National
JM54AC11B2A	M38510/75204B2A	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11BCA	M38510/75204BCA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11BCA-RH	M38510R75204BCA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11BDA	M38510/75204BDA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11BDA-RH	M38510R75204BDA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11S2A	M38510/75204S2A	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11SCA	M38510/75204SCA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11SCA-RH	M38510R75204SCA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11SDA	M38510/75204SDA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC11SDA-RH	M38510R75204SDA	3 (10)	AND GATE, TRIPLE 3-INPUT	National
JM54AC125B2A	5962-9325301B2A	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC125BCA	5962-9325301BCA	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC125BDA	5962-9325301BDA	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC125S2A	5962-9325301S2A	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC125SCA	5962-9325301SCA	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC125SDA	5962-9325301SDA	3	BUFFER, QUAD, WITH 3-STATE OUTPUTS	National
JM54AC138B2A	M38510/75802B2A	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138BEA	M38510/75802BEA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138BEA-RH	M38510R75802BEA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138BFA	M38510/75802BFA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138BFA-RH	M38510R75802BFA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138S2A	M38510/75802S2A	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138SEA	M38510/75802SEA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138SEA-RH	M38510R75802SEA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138SFA	M38510/75802SFA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC138SFA-RH	M38510R75802SFA	3 (7.5)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE	National
JM54AC139B2A	M38510/75803B2A	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139BEA	M38510/75803BEA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139BEA-RH	M38510R75803BEA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139BFA	M38510/75803BFA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139BFA-RH	M38510R75803BFA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139S2A	M38510/75803S2A	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139SEA	M38510/75803SEA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139SEA-RH	M38510R75803SEA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139SFA	M38510/75803SFA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC139SFA-RH	M38510R75803SFA	3 (9)	DECODER, DUAL 2-TO-4-LINE	National
JM54AC14B2A	M38510/75702B2A	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14BCA	M38510/75702BCA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14BCA-RH	M38510R75702BCA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14BDA	M38510/75702BDA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14BDA-RH	M38510R75702BDA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14S2A	M38510/75702S2A	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14SCA	M38510/75702SCA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14SCA-RH	M38510R75702SCA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM54AC14SDA	M38510/75702SDA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC14SDA-RH	M38510R75702SDA	3 (10)	HEX INVERTER, SCHMITT TRIGGER	National
JM54AC151B2A	M38510/76201B2A	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC151BEA	M38510/76201BEA	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC151BFA	M38510/76201BFA	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC151S2A	M38510/76201S2A	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC151SEA	M38510/76201SEA	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC151SFA	M38510/76201SFA	2 (3.5)	DATA SEL/MULTIPLEXER, 8-INPUT	National
JM54AC153B2A	M38510/76202B2A	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC153BEA	M38510/76202BEA	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC153BFA	M38510/76202BFA	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC153S2A	M38510/76202S2A	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC153SEA	M38510/76202SEA	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC153SFA	M38510/76202SFA	2 (3.25)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	National
JM54AC157B2A	M38510/76203B2A	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC157BEA	M38510/76203BEA	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC157BFA	M38510/76203BFA	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC157S2A	M38510/76203S2A	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC157SEA	M38510/76203SEA	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC157SFA	M38510/76203SFA	3 (8)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
JM54AC161B2A	M38510/76302B2A	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC161BEA	M38510/76302BEA	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC161BFA	M38510/76302BFA	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC161S2A	M38510/76302S2A	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC161SEA	M38510/76302SEA	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC161SFA	M38510/76302SFA	3 (8.75)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163B2A	M38510/76304B2A	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163BEA	M38510/76304BEA	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163BFA	M38510/76304BFA	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163S2A	M38510/76304S2A	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163SEA	M38510/76304SEA	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC163SFA	M38510/76304SFA	2 (3)	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE	National
JM54AC174B2A	M38510/75307B2A	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174BEA	M38510/75307BEA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174BFA	M38510R75307BFA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174BFA-RH	M38510R75307BFA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174S2A	M38510/75307S2A	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174SEA	M38510/75307SEA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174SEA-RH	M38510R75307SEA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174SFA	M38510/75307SFA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC174SFA-RH	M38510R75307SFA	3 (8.75)	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	National
JM54AC191B2A	M38510/76305B2A	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC191BEA	M38510/76305BEA	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC191BFA	M38510/76305BFA	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC191S2A	M38510/76305S2A	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC191SEA	M38510/76305SEA	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC191SFA	M38510/76305SFA	3 (8.5)	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	National
JM54AC20B2A	M38510/75003B2A	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20BCA	M38510/75003BCA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20BCA-RH	M38510R75003BCA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20BDA	M38510/75003BDA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20BDA-RH	M38510R75003BDA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20S2A	M38510/75003S2A	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20SCA	M38510/75003SCA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20SCA-RH	M38510R75003SCA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20SDA	M38510/75003SDA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC20SDA-RH	M38510R75003SDA	2 (3)	NAND GATE, DUAL 4-INPUT	National
JM54AC240B2A	M38510/75703B2A	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240BRA	M38510/75703BRA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240BRA-RH	M38510R75703BRA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240BSA	M38510/75703BSA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240S2A	M38510/75703S2A	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240SRA	M38510/75703SRA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240SRA-RH	M38510R75703SRA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240SSA	M38510/75703SSA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC240SSA-RH	M38510R75703SSA	3 (9.75)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241B2A	M38510/75704B2A	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241BRA	M38510/75704BRA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241BRA-RH	M38510R75704BRA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241BSA	M38510/75704BSA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241BSA-RH	M38510R75704BSA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241S2A	M38510/75704S2A	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM54AC241SRA	M38510/75704SRA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241SRA-RH	M38510R75704SRA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241SSA	M38510/75704SSA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC241SSA-RH	M38510R75704SSA	3 (7.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244B2A	M38510/75705B2A	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244BRA	M38510/75705BRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244BRA-RH	M38510R75705BRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244BSA	M38510/75705BSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244BSA-RH	M38510R75705BSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244S2A	M38510/75705S2A	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244SRA	M38510/75705SRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244SRA-RH	M38510R75705SRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244SSA	M38510/75705SSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC244SSA-RH	M38510R75705SSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC245D2A	M38510/75503D2A	3 (10)	BUS TRANSCEIVER, 8 BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245BRA	M38510/75503BRA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245BRA-RH	M38510R75503BRA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245BSA	M38510/75503BSA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245BSA-RH	M38510R75503BSA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245S2A	M38510/75503S2A	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245SRA	M38510/75503SRA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245SRA-RH	M38510R75503SRA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245SSA	M38510/75503SSA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC245SSA-RH	M38510R75503SSA	3 (10)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE INPUTS/OUTPUTS	National
JM54AC257B2A	M38510/76207B2A	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC257BEA	M38510/76207BEA	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC257BFA	M38510/76207BFA	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC257S2A	M38510/76207S2A	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC257SEA	M38510/76207SEA	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC257SFA	M38510/76207SFA	2 (2.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	National
JM54AC273B2A	M38510/75601B2A	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC273BRA	M38510/75601BRA	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC273BSA	M38510/75601BSA	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC273S2A	M38510/75601S2A	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC273SRA	M38510/75601SRA	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC273SSA	M38510/75601SSA	3 (5.5)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	National
JM54AC299B2A	M38510/76506B2A	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC299BRA	M38510/76506BRA	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC299BSA	M38510/76506BSA	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC299S2A	M38510/76506S2A	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC299SRA	M38510/76506SRA	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC299SSA	M38510/76506SSA	3 (9.75)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	National
JM54AC32B2A	M38510/75201B2A	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32BCA	M38510/75201BCA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32BCA-RH	M38510R75201BCA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32BDA	M38510/75201BDA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32BDA-RH	M38510R75201BDA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32S2A	M38510/75201S2A	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32SCA	M38510/75201SCA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32SCA-RH	M38510R75201SCA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32SDA	M38510/75201SDA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC32SDA-RH	M38510R75201SDA	3 (10)	OR GATE, QUAD 2-INPUT	National
JM54AC373B2A	M38510/75403B2A	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373BRA	M38510/75403BRA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373BRA-RH	M38510R75403BRA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373BSA	M38510/75403BSA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373BSA-RH	M38510R75403BSA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE (S)
JM54AC373S2A	M38510/75403S2A	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373SRA	M38510/75403SRA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373SRA-RH	M38510R75403SRA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373SSA	M38510/75403SSA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC373SSA-RH	M38510R75403SSA	3 (6.25)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	National
JM54AC374B2A	M38510/75602B2A	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC374BRA	M38510/75602BRA	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC374BSA	M38510/75602BSA	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC374S2A	M38510/75602S2A	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC374SRA	M38510/75602SRA	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC374SSA	M38510/75602SSA	2 (3.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC377B2A	M38510/75603B2A	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC377BRA	M38510/75603BRA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC377BSA	M38510/75603BSA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC377S2A	M38510/75603S2A	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC377SRA	M38510/75603SRA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC377SSA	M38510/75603SSA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE	National
JM54AC520B2A	5962-9091601B2A	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC520BKA	5962-9091601BRA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC520BSA	5962-9091601BSA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC520S2A	5962-9091601S2A	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC520SRA	5962-9091601SRA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC520SSA	5962-9091601SSA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP	National
JM54AC521B2A	5962-9098501B2A	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521BRA	5962-9098501BRA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521BRA-RH	5962R9098501BRA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521BSA	5962-9098501BSA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521BSA-RH	5962R9098501BSA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521S2A	5962-9098501S2A	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521SRA	5962-9098501SRA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521SRA-RH	5962R9098501SRA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521SSA	5962-9098501SSA	3	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC521SSA-RH	5962R9098501SSA	3 (10)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	National
JM54AC541B2A	M38510/75711B2A	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC541BRA	M38510/75711BRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC541BSA	M38510/75711BSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC541S2A	M38510/75711S2A	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC541SRA	M38510/75711SRA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC541SSA	M38510/75711SSA	3 (10)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	National
JM54AC574B2A	M38510/75604B2A	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC574BRA	M38510/75604BRA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC574BSA	M38510/75604BSA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC574S2A	M38510/75604S2A	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC574SRA	M38510/75604SRA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC574SSA	M38510/75604SSA	3 (10)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54AC74B2A	M38510/75302B2A	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74BCA	M38510/75302BCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74BCA-RH	M38510R75302BCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74BDA	M38510/75302BDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74BDA-RH	M38510R75302BDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74S2A	M38510/75302S2A	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74SCA	M38510/75302SCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74SCA-RH	M38510R75302SCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74SDA	M38510/75302SDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC74SDA-RH	M38510R75302SDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	National
JM54AC86B2A	M38510/75202B2A	2 (2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86BCA	M38510/75202BCA	2 (2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM54AC86BCA-RH	M38510R75202BCA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86BDA	M38510/75202BDA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86BDA-RH	M38510R75202BDA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86S2A	M38510/75202S2A	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86SCA	M38510/75202SCA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86SCA-RH	M38510R75202SCA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86SDA	M38510/75202SDA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54AC86SDA-RH	M38510R75202SDA	2(2.75)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	National
JM54ACT00B2A	5962-8769901B2A	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT00BCA	5962-8769901BCA	2(2.5)	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
JM54ACT00BCA-RH	5962R8769901BCA	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT00BDA	5962-8766901BDA	2(2.5)	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
JM54ACT00BDA-RH	5962R8769901BDA	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT00S2A	5962-8769901S2A	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT00SCA	5962-8766901SCA	2(2.5)	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
JM54ACT00SCA-RH	5962R8769901SCA	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT00SDA	5962-8766901SDA	2(2.5)	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	National
JM54ACT00SDA-RH	5962R8769901SDA	2(2.5)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	National
JM54ACT112B2A	5962-8995001B2A	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT112BEA	5962-8995001BEA	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT112BFA	5962-8995001BFA	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT112S2A	5962-8995001S2A	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT112SEA	5962-8995001SEA	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT112SFA	5962-8995001SFA	3(5.25)	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH ASYNCHRONOUS SET AND CLEAR	National
JM54ACT138B2A	5962-8755401B2A	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT138BEA	5962-8755401BEA	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT138BFA	5962-8755401BFA	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT138S2A	5962-8755401S2A	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT138SEA	5962-8755401SEA	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT138SFA	5962-8755401SFA	3(10)	DECODER/DEMULTIPLXER, 3-TO-8-LINE	National
JM54ACT151B2A	5962-8875601B2A	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT151BEA	5962-8875601BEA	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT151BFA	5962-8875601BFA	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT151S2A	5962-8875601S2A	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT151SEA	5962-8875601SEA	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT151SFA	5962-8875601SFA	3(8.5)	DECODER/DEMULTIPLXER, 8-INPUT, TTL-COMPATIBLE	National
JM54ACT240B2A	5962-8775901B2A	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240BRA	5962-8775901BRA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240BRA-RH	5962R8775901BRA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240BSA	5962-8775901BSA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240BSA-RH	5962R8775901BSA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240S2A	5962-8775901S2A	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240SRA	5962-8775901SRA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240SRA-RH	5962R8775901SRA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240SSA	5962-8775901SSA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT240SSA-RH	5962R8775901SSA	3(10)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244B2A	5962-8776001B2A	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244BRA	5962-8776001BRA	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244BRA-RH	5962R8776001BRA	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244BSA	5962-8776001BSA	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244BSA-RH	5962R8776001BSA	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT244S2A	5962-8776001S2A	3(5.75)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National

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APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
JM54ACT244SRA	5962-8776001SRA	3 (5.75)	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
JM54ACT244SRA-RH	5962R8776001SRA	3 (5.75)	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
JM54ACT244SSA	5962-8776001SSA	3 (5.75)	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
JM54ACT244SSA-RH	5962R8776001SSA	3 (5.75)	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS,	National
JM54ACT245B2A	5962-8766301B2A	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245BRA	5962-8766301BRA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245BRA-RH	5962R8766301BRA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245BSA	5962-8766301BSA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245BSA-RH	5962R8766301BSA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245S2A	5962-8766301S2A	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245SRA	5962-8766301SRA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245SRA-RH	5962R8766301SRA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245SSA	5962-8766301SSA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT245SSA-RH	5962R8766301SSA	3 (9.75)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
JM54ACT377B2A	5962-8769701B2A	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT377BRA	5962-8769701BRA	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT377BSA	5962-8769701BSA	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT377S2A	5962-8769701S2A	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT377SRA	5962-8769701SRA	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT377SSA	5962-8769701SSA	3 (4.75)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	National
JM54ACT574B2A	5962-8960101B2A	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT574BRA	5962-8960101BRA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT574BSA	5962-8960101BSA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT574S2A	5962-8960101S2A	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT574SRA	5962-8960101SRA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT574SSA	5962-8960101SSA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	National
JM54ACT74B2A	5962-8752501B2A	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JM54ACT74BCA	5962-8752501BCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JM54ACT74BDA	5962-8752501BDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JM54ACT74S2A	5962-8752501S2A	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JM54ACT74SCA	5962-8752501SCA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JM54ACT74SDA	5962-8752501SDA	3 (10)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	National
JR29631DRA	M38510/20904BJA	1 (1)	PROM, 1K X 8, WITH 3-STATE OUTPUTS, 90 NS ACCESS TIME	Raytheon (QPL)
JR29651DQA	M38510/20902BVA	1 (1)	PROM, 2K X 4, WITH 3-STATE OUTPUTS, 125 NS ACCESS TIME	Raytheon (QPL)
JR29681DR	M38510/21002BJA	1 (1)	PROM, 2K X 8, WITH 3-STATE OUTPUTS	Raytheon (QPL)
LF147D/883	8102306CA	1	OP AMP, QUAD, BIFET, LOW-POWER	National
LF155AH	M38510/11404BGA	1	OP AMP, JFET-INPUT	Linear
LF155AH	M38510/11404SGC	1	OP AMP, JFET-INPUT	Linear
LF155AH	M38510/11404BGC	1	OP AMP, JFET-INPUT	Linear
LF155AH	M38510/11404SGA	1	OP AMP, JFET-INPUT	Linear
LF155AJ8	M38510/11404SDA	1	OP AMP, JFET-INPUT	Linear
LF155AJ8	M38510/11404BPA	1	OP AMP, JFET-INPUT	Linear
LF155H	M38510/11401SGA	1	OP AMP, JFET-INPUT	Linear
LF155H	M38510/11401BGA	1	OP AMP, JFET-INPUT	Linear
LF155H	M38510/11401BGC	1	OP AMP, JFET-INPUT	Linear
LF155J8	M38510/11401SDA	1	OP AMP, JFET-INPUT	Linear

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LF155J8	M38510/11401BPA	1	OP AMP, JFET-INPUT	Linear
LF155J8	M38510/11402BPA	1	OP AMP, JFET-INPUT	Linear
LF156AH	M38510/11405BGC	1	OP AMP, JFET-INPUT	Linear
LF156AH	M38510/11405SGA	1	OP AMP, JFET-INPUT	Linear
LF156AH	M38510/11405BGA	1	OP AMP, JFET-INPUT	Linear
LF156AJ8	M38510/11405BPA	1	OP AMP, JFET-INPUT	Linear
LF156AJ8	M38510/11405SPA	1	OP AMP, JFET-INPUT	Linear
LF156AW	M38510/11405BHA	1	OP AMP, JFET-INPUT	Linear
LF156H	M38510/11402SGA	1	OP AMP, JFET-INPUT	Linear
LF156H	M38510/11402BCA	1	OP AMP, JFET-INPUT	Linear
LF156H	M38510/11402BGC	1	OP AMP, JFET-INPUT	Linear
LF156J8	M38510/11402SPA	1	OP AMP, JFET-INPUT	Linear
LF156W	M38510/11402BHA	1	OP AMP, JFET-INPUT	Linear
LF198H	M38510/12501BGC	1	SAMPLE AND HOLD AMPLIFIER	Linear
LF198H	M38510/12501SGA	1	SAMPLE AND HOLD AMPLIFIER	Linear
LF198H	M38510/12501BGA	1	SAMPLE AND HOLD AMPLIFIER	Linear
LF198H	M38510/12501SGC	1	SAMPLE AND HOLD AMPLIFIER	Linear
LF198H/883B	5962-8760801GA	1	SAMPLE AND HOLD AMPLIFIER	National
LH0070-0H	5962-8688201XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LH0070-1H	5962-8688202XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LH0070-2H	5962-8688203XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LH2108AD	M38510/10106BEA	1	OP AMP, DUAL	Linear
LM101AH	M38510/10103SXC	1	OP AMP, GENERAL PURPOSE	Linear
LM101AH	M38510/10103BGA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AH	M38510/10103SGA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AJ8	M38510/10103BPA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AJ8	M38510/10103BCA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AJ8	M38510/10103SPA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AW	M38510/10103BHA	1	OP AMP, GENERAL PURPOSE	Linear
LM101AW	M38510/10103SHA	1	OP AMP, GENERAL PURPOSE	Linear
LM103H-3.0	7702806XA	3	VOLT. REFERENCE, 3.0V	National
LM103H-3.3	7702807XA	3	VOLT. REFERENCE, 3.3V	National
LM103H-3.6	7702808XA	3	VOLT. REFERENCE, 3.6V	National
LM103H-3.9	7702809XA	3	VOLT. REFERENCE, 3.9V	National
LM105H/883	5962-8958801GA	1	VOLT. REGULATOR, ADJ., POSITIVE	National
LM106H/883	8003701GA	1	VOLT. COMPARATOR, HIGH-SPEED	National
LM107H/883	5962-8958901GA	1	OP AMP	National
LM107J-14/883	5962-8958901CA	1	OP AMP	National
LM107J/883	5962-8958901PA	1	OP AMP	National
LM108	M38510/10104BPA	1(.5)	OP AMP, GENERAL PURPOSE	T. I.
LM108AH	M38510/10104BGC	1	OP AMP, GENERAL PURPOSE	Linear
LM108AH	M38510/10104BGA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AH	M38510/10104SGC	1	OP AMP, GENERAL PURPOSE	Linear
LM108AH	M38510/10104SGA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AJ8	M38510/10104BPA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AJ8	M38510/10104SCA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AJ8	M38510/10104BCA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AJ8	M38510/10104SPA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AW	M38510/10104BHA	1	OP AMP, GENERAL PURPOSE	Linear
LM108AW	M38510/10104SHA	1	OP AMP, GENERAL PURPOSE	Linear
LM109KSTEEL/883	5962-8777401YA	3	VOLT. REGULATOR, FIXED, POSITIVE, 5V	National
LM10H	5962-8760401GA	1	OP AMP/VOLT. REFERENCE	Linear
LM10H/883B	5962-8760401GA	1	OP AMP/VOLT. REFERENCE	National
LM10J8	5962-8760401PA	1	OP AMP/VOLT. REFERENCE	Linear
LM110H/883B	5962-8760601GA	1	VOLT. FOLLOWER, HIGH-SPEED	National
LM110J-8/883B	5962-8760601PA	1	VOLT. FOLLOWER, HIGH-SPEED	National
LM110J/883B	5962-8760601CA	1	VOLT. FOLLOWER, HIGH-SPEED	National
LM111	M38510/10304BPA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	T. I.
LM111H	M38510/10304BGA	1	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
LM111H	M38510/10304SGA	1	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
LM111H	M38510/10304SGC	1	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
LM111H	M38510/10304BGC	1	VOLT. COMPARATOR/BUFFER, PRECISION	Linear
LM113-1H/883B	5962-8671102XA	3	VOLT. REFERENCE DIODE	National
LM113-2H/883B	5962-8671103XA	3	VOLT. REFERENCE DIODE	National
LM113H/883B	5962-8671101XA	3	VOLT. REFERENCE DIODE	National
LM117H	M38510/11703BXA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117H	7703401XA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117H	M38510/11703BXA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117H	M38510/11703BXC	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117H/883B	7703401XA	2	VOLT. REGULATOR, ADJ., POSITIVE	National
LM117HVH	7703402XA	1	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
LM117HVH-STEEL/883	7703402XA	2	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	National
LM117HVK	7703402YA	1	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear

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LM117HVK-STEEL/883	7703402YA	2	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	National
LM117K	M38510/11704BYA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117K	7703401YA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117K	M38510/11704SYA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM117K-STEEL/883B	7703401YA	2	VOLT. REGULATOR, ADJ., POSITIVE	National
LM118	M38510/10107BPA	1(1)	OP AMP, HIGH-SPEED	T. I.
LM118H	M38510/10107BGA	2	OP AMP, HIGH-SPEED	Linear
LM118H	M38510/10107SGA	2	OP AMP, HIGH-SPEED	Linear
LM118H	M38510/10107BGC	2	OP AMP, HIGH-SPEED	Linear
LM118J	M38510/10107BCA	2	OP AMP, HIGH-SPEED	Linear
LM118J8	M38510/10107SPA	2	OP AMP, HIGH-SPEED	Linear
LM118J8	M38510/10107BPA	2	OP AMP, HIGH-SPEED	Linear
LM118W	M38510/10107BHA	2	OP AMP, HIGH-SPEED	Linear
LM119E/883	86014012A	1(0)	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
LM119H	M38510/10306BIA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119H	M38510/10306SIA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119H/883	8601401IA	1(0)	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
LM119J	M38510/10306SCA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119J	M38510/10306BCA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119J/883	8601401CA	1(0)	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
LM119W	M38510/10306BHA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119W	M38510/10306SHA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LM119W/883	8601401HA	1	VOLT. COMPARATOR, DUAL, HIGH-SPEED	National
LM122H/883	5962-9163101MIA	1	TIMER, PRECISION	National
LM123K	5962-8777501YA	3	VOLT. REGULATOR, FIXED, POSITIVE, 5V	Linear
LM124	M38510/11005BDA	1(0)	OP AMP, QUAD	T. I.
LM124	M38510/11005BCA	1(0)	OP AMP, QUAD	T. I.
LM124AE/883	77043022A	1	OP AMP, QUAD	National
LM124AFKB	77043022A	1(<.5)	OP AMP, QUAD	T. I.
LM124AJ/883	7704302CA	1	OP AMP, QUAD	National
LM124AJB	7704302CA	1(<.5)	OP AMP, QUAD	T. I.
LM124E/883	77043012A	1	OP AMP, QUAD	National
LM124FKB	77043012A	1(<.5)	OP AMP, QUAD	T. I.
LM124J/883	7704301CA	1	OP AMP, QUAD	National
LM124JB	7704301CA	1(<.5)	OP AMP, QUAD	T. I.
LM124WB	7704301DA	1(<.5)	OP AMP, QUAD	T. I.
LM126H/883	5962-8993001MIA	1	VOLT. REGULATOR, DUAL TRACKING	National
LM126H/883	5962-8993001MIA	1	VOLT. REGULATOR, DUAL TRACKING	National
LM129AH	5962-8992101XA	2	VOLT. REFERENCE, 6.9V, PRECISION	Linear
LM129AH/883	5962-8992101XA	1	VOLT. REFERENCE, 6.9V, PRECISION	National
LM129BH	5962-8992102XA	2	VOLT. REFERENCE, 6.9V, PRECISION	Linear
LM129BH/883	5962-8992102XA	1	VOLT. REFERENCE, 6.9V, PRECISION	National
LM129CH	5962-8992103XA	2	VOLT. REFERENCE, 6.9V, PRECISION	Linear
LM131AH/883B	5962-8760701GA	2	VOLT.-TO-FREQUENCY CONVERTER	National
LM136AH-5.0/883B	8418002XA	1	VOLT. REFERENCE, 5.0V, PRECISION	National
LM137H	M38510/11803BXA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137H	M38510/11803BXC	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137H	M38510/11803SXA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137H	M38510/11803SXC	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137H	7703403XA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137H/883B	7703403XA	3	VOLT. REGULATOR, ADJ., NEGATIVE	National
LM137HVH	7703404XA	2	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
LM137HVH/883	7703404XA	3	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	National
LM137HVK	7703404YA	2	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
LM137HVK-STEEL/883	7703404YA	3	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	National
LM137K	M38510/11804BYA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137K	M38510/11804SYA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137K	7703403YA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LM137K-STEEL/883B	7703403YA	3	VOLT. REGULATOR, ADJ., NEGATIVE	National
LM138K	M38510/11706SYA	2	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM138K	M38510/11706BYA	2	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LM139	M38510/11201BDA	1(0)	VOLT. COMPARATOR, QUAD	T. I.
LM139	M38510/11201BCA	1(0)	VOLT. COMPARATOR, QUAD	T. I.
LM139AE-SMD	5962-87739012A	1	VOLT. COMPARATOR, QUAD	National
LM139AJ/883	5962-8773901CA	1	VOLT. COMPARATOR, QUAD	National
LM139AW-SMD	5962-8773901DA	1	VOLT. COMPARATOR, QUAD	National
LM139AWB	5962-8773901DA	1(1)	VOLT. COMPARATOR, QUAD	T. I.
LM139FKB	77008012A	1(<.5)	VOLT. COMPARATOR, QUAD	T. I.
LM139JB	7700801CA	1(<.5)	VOLT. COMPARATOR, QUAD	T. I.
LM139WB	7700801DA	1(<.5)	VOLT. COMPARATOR, QUAD	T. I.
LM143H/883B	7800303XA	1	OP AMP, HIGH-VOLTAGE	National
LM144H/883B	7800301GA	3	OP AMP, HIGH-VOLTAGE	National
LM150K	5962-8767501XA	1	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	Linear

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
LM150KSTEEL/883B	5962-8767501XA	1	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	National
LM1536H/883	7800304XA	1	OP AMP, HIGH-VOLTAGE	National
LM1575HVK12/883	5962-9167302QXA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
LM1575HVK15/883	5962-9167402QXA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V, HIGH VOLTAGE	National
LM1575HVK5/883	5962-9167202QXA	2	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN, HIGH VOLTAGE	National
LM1575HVKAD/883	5962-9167102QXA	2	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
LM1575J-12/883	5962-9167301QEA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
LM1575J-15/883	5962-9167401QEA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
LM1575J-5.0/883	5962-9167201QEA	2	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
LM1575J-ADJ/883	5962-9167101MEA	2	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
LM1575K-12/883	5962-9167301QXA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
LM1575K-15/883	5962-9167401QXA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
LM1575K-5.0/883	5962-9167201MXA	2	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
LM1575K-ADJ/883	5962-9167101MXA	1	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
LM1575TH12/883	5962-9167301QYA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 12V	National
LM1575TH15/883	5962-9167401QYA	2	VOLT. REGULATOR, 1 AMP STEP-DOWN, 15V	National
LM1575TH5.0/883	5962-9167201QYA	2	VOLT. REGULATOR, FIXED, POSITIVE, STEP-DOWN	National
LM1575TH5.0/883	5962-9167201QYA	2	PIPELINE REGISTER, 4 X 8-BIT MULTILEVEL, 30 NS	National
LM1575THADJ/883	5962-9167101QYA	2	VOLT. REGULATOR, ADJ., POSITIVE, STEP-DOWN SWITCHING	National
LM1577K-12/883	5962-9216701MXA	3	VOLT. REGULATOR, FIXED, POSITIVE, 12V, STEP-UP	National
LM1577K-15/883	5962-9216801MXA	3	VOLT. REGULATOR, FIXED, POSITIVE, 15V, STEP-UP	National
LM1577K-ADJ/883	5962-9216601MXA	3	VOLT. REGULATOR, ADJUSTABLE STEP-UP	National
LM1577TH-ADJ/883	5962-9216601QYA	3	VOLT. REGULATOR, ADJUSTABLE STEP-UP	National
LM1578AH/883	5962-8958602GA	1(0)	VOLT. REGULATOR, SWITCHING	National
LM1578H/883	5962-8958601GA	2	VOLT. REGULATOR, SWITCHING	National
LM158AFKB	5962-87710022A	1(.5)	OP AMP, DUAL, LOW-POWER	T.I.
LM158AH/883	5962-8771002GA	1	OP AMP, DUAL, LOW-POWER	National
LM158AJ/883	5962-8771002PA	1	OP AMP, DUAL, LOW-POWER	National
LM158AJGB	5962-8771002PA	1(.5)	OP AMP, DUAL, LOW-POWER	T.I.
LM158FKB	5962-87710012A	1(.5)	OP AMP, DUAL, LOW-POWER	T.I.
LM158H/883	5962-8771001GA	1	OP AMP, DUAL, LOW-POWER	National
LM158J/883	5962-8771001PA	1	OP AMP, DUAL, LOW-POWER	National
LM158JGB	5962-8771001PA	1(.5)	OP AMP, DUAL, LOW-POWER	T.I.
LM160H/883	5962-8767401GA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM160J-14/883	5962-8767401CA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM160J/883	5962-8767401PA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM161F/883B	5962-8757203BA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM161H/883B	5962-8757203IA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM161J/883B	5962-8757203CA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM169H/883	5962-9456101MGA	2	VOLTAGE REFERENCE, PRECISION	National
LM169H/883	5962-9456101MGA	2	VOLTAGE REFERENCE, PRECISION	National
LM185BYH-SMD	5962-9091401MXA	1	VOLTAGE REFERENCE, ADJUSTABLE	National
LM185BYH/883	5962-9091401MXA	1	VOLTAGE REFERENCE, ADJUSTABLE	National
LM185BYH1.2/883	5962-8759405XA	3	VOLT. REFERENCE DIODE	National
LM185BYH2.5/883	5962-8759406XA	3	VOLT. REFERENCE DIODE	National
LM185E-1.2/883	5962-87594012A	3	VOLT. REFERENCE DIODE	National
LM185E-2.5/883	5962-87594022A	3	VOLT. REFERENCE DIODE	National
LM185H-1.2	5962-8759401XA	3	VOLT. REFERENCE DIODE	Linear
LM185H-1.2/883	5962-8759401XA	3	VOLT. REFERENCE DIODE	National
LM185H-2.5	5962-8759402XA	3	VOLT. REFERENCE DIODE	Linear
LM185H-2.5/883	5962-8759402XA	3	VOLT. REFERENCE DIODE	National
LM193AH/883	5962-9452602MGA	1	VOLT. COMPARATOR, DUAL DIFFERENTIAL	National
LM193FKB	5962-9452601Q2A	1(<.5)	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
LM194H/883	5962-8777701XA	2	TRANSISTOR ARRAY, MATCHED PAIR	National
LM195H/883	5962-8777801XA	3	TRANSISTOR ARRAY, POWER	National
LM195K/883	5962-8777801YA	3	TRANSISTOR ARRAY, POWER	National
LM199AH	5962-8856101XA	2	VOLT. REFERENCE, PRECISION	Linear
LM199AH-20/883	5962-8856103XA	2	VOLT. REFERENCE, PRECISION	National
LM199AH/883	5962-8856101XA	2	VOLT. REFERENCE, PRECISION	National
LM199H	5962-8856102XA	2	VOLT. REFERENCE, PRECISION	Linear
LM199H/883	5962-8856102XA	2	VOLT. REFERENCE, PRECISION	National
LM2940K-12/883C	5962-9088401MYA	3	VOLT. REGULATOR, 12V, 1.0A, LOW DROPOUT	National
LM2940K-15/883C	5962-9088501MYA	3	VOLT. REGULATOR, 15V, 1.0A, LOW DROPOUT	National
LM2940K-5.0/883	5962-8958701YA	3	VOLT. REGULATOR, FIXED, POSITIVE, LOW DROPOUT, 5V, 1.0A	National
LM2940K-8/883C	5962-9088301MYA	1(0)	VOLT. REGULATOR, 8V, 1.0A, LOW DROPOUT	National
LM6118E/883	5962-9156501M2A	3	OP AMP, DUAL, FAST-SETTLING	National
LM6118J/883	5962-9156501MPA	3	OP AMP, DUAL, FAST-SETTLING	National
LM6121H/883	5962-9081201MGA	2	BUFFER, HIGH-SPEED	National
LM6121J	5962-9081201MIA	2	BUFFER, HIGH-SPEED	National
LM6121J/883	5962-9081201MPA	2	VOLTAGE REFERENCE, PRECISION	National
LM6125H/883B	5962-9081501MGA	1(0)	BUFFER, HIGH-SPEED	National
LM612AMJ/883	5962-9300201MPA	1	COMPARATOR AND REFERENCE, DUAL-CHANNEL	National
LM613AME/883	5962-9300301M2A	1	OP AMP, DUAL, WITH DUAL COMPARATORS AND ADJUSTABLE	National

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
LM613AMJ/883	5962-9300301MEA	1	REFERENCE OP AMP, DUAL, WITH DUAL COMPARATORS AND ADJUSTABLE	National
LM6142AMJ/883	5962-9550301QPA	2	REFERENCE OP AMP, HIGH SPEED, LOW POWER, INPUT-OUTPUT	National
LM614AMJ/883	5962-9300401MEA	1	OP AMP, QUAD, WITH VOLTAGE REFERENCE	National
LM6161E/883	5962-89621012A	1	OP AMP, HIGH-SPEED	National
LM6161J/883	5962-8962101PA	1	OP AMP, HIGH-SPEED	National
LM6161W/883	5962-8962101HA	1	OP AMP, HIGH-SPEED	National
LM6162E/883	5962-9216501M2A	1	OP AMP, HIGH-SPEED	National
LM6162J/883	5962-9216501MPA	1	OP AMP, HIGH-SPEED	National
LM6162W/883	5962-9216501MHA	1	OP AMP, HIGH-SPEED	National
LM6164E/883	5962-89624012A	1	OP AMP, HIGH-SPEED	National
LM6164J/883	5962-8962401PA	1	OP AMP, HIGH-SPEED	National
LM6164W/883	5962-8962401HA	1	OP AMP, HIGH-SPEED	National
LM6165E/883	5962-89625012A	1	OP AMP, HIGH-SPEED	National
LM6165J/883	5962-8962501PA	1	OP AMP, HIGH-SPEED	National
LM6165W/883	5962-8962501HA	1	OP AMP, HIGH-SPEED	National
LM6181J/883	5962-9081802MPA	2	AMPLIFIER, CURRENT FEEDBACK	National
LM6182AMJ/883	5962-9460301MCA	2	CURRENT FEEDBACK AMPLIFIER, HIGH OUTPUT CURRENT, HIGH FREQUENCY	National
LM709H/883B	7800701GA	1	OP AMP, GENERAL PURPOSE	National
LM725H/883	5962-9552901MGA	1	OP AMP, INSTRUMENTATION	National
LM725H/883	5962-9552901MGA	1	OP AMP, INSTRUMENTATION	National
LM759H/883	5962-9086201MGA	1	OP AMP, POWER	National
LM760H/883	5962-8754501GA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LM760J/883	5962-8754501CA	1	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	National
LMC555H/883C	5962-8950305GA	1	TIMER, PRECISION	National
LMC555J/883C	5962-8950305PA	1	TIMER, PRECISION	National
LMC6061AMJ-SMD	5962-9460401MPA	2	OP AMP, DUAL, MICROPOWER	National
LMC6062AMJ/883	5962-9209403MPA	2	OP AMP, DUAL	National
LMC6064AMJ/883	5962-9209303MCA	1	OP AMP, QUAD	National
LMC6482AMJ/883	5962-9453401MPA	2	OP AMP, DUAL, LOW-POWER	National
LMC6484AMJ/883	5962-9453402MCA	2	OP AMP, QUAD, LOW-POWER	National
LMC660AMJ/883	5962-9209301MCA	1	OP AMP, QUAD	National
LMC662AMJ/883	5962-9209401MPA	2	OP AMP, DUAL	National
LMD12458MEL/883	5962-9319501MXC	2	DATA ACQUISITION SYSTEM, 12-BIT, + SIGN, W/SELF CALIBRATION	National
LMD12458MW/883	5962-9319501MYA	2	DATA ACQUISITION SYSTEM, 12-BIT, + SIGN, W/SELF CALIBRATION	National
LMD18200-2D/883	5962-9232501MXA	1	H-BRIDGE	National
LMP100AE/883	5962-9153301M2A	2	FILTER, DUAL, SWITCHED, HIGH PERFORMANCE	National
LMP100AJ/883	5962-9153301MRA	2	FILTER, DUAL, SWITCHED, HIGH PERFORMANCE	National
LMP60CMJ100/883	5962-9096701MCA	1(0)	FILTER, 6TH-ORDER SWITCHED CAPACITOR BUTTERWORTH LOW-PASS	National
LMP60CMJ50/883	5962-9096702MCA	1(0)	FILTER, 6TH-ORDER SWITCHED CAPACITOR BUTTERWORTH LOW-PASS	National
LMP90CMJ/883	5962-9096801MCA	2	FILTER, 4TH-ORDER ELLIPTIC NOTCH	National
LOR2561C-Q40I	5962H9312803QZC	1	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-Q40X	5962H9312803QXX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-Q40Y	5962H9312803QYX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-Q60I	5962H9312801QZC	1	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561C-Q60X	5962H9312801QXX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561C-Q60Y	5962H9312801VYX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561C-Q60Y	5962H9312801QYX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561C-V40I	5962H9312803VZC	1	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-V40X	5962H9312803VXX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-V40Y	5962H9312803VYX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561C-V60I	5962H9312801VZC	1	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561C-V60X	5962H9312801VXX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-Q40I	5962H9312804QZC	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-Q40X	5962H9312804QXX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-Q40Y	5962H9312804QYX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-Q50I	5962H9312805QZC	2	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-Q50X	5962H9312805QXC	1	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-Q50Y	5962H9312805VYX	2	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-Q50Y	5962H9312805QYC	1	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-Q60I	5962H9312802QZC	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-Q60X	5962H9312802QXX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-Q60Y	5962H9312802QYX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-V40I	5962H9312804VZC	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-V40X	5962H9312804VXX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-V40Y	5962H9312804VYX	2	STATIC RAM, 256K X 1, 40 NS ACCESS TIME	Loral
LOR2561T-V50I	5962H9312805VZC	2	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-V50X	5962H9312805VXC	2	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral
LOR2561T-V50Y	5962H9312805VYC	1	STATIC RAM, 256K X 1, 50 NS ACCESS TIME	Loral

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
LOR2561T-V60I	5962H9312802VZC	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-V60X	5962H9312802VXX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2561T-V60Y	5962H9312802VYX	2	STATIC RAM, 256K X 1, 60 NS ACCESS TIME	Loral
LOR2568C-Q30I	5962H9215313QNX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-Q30X	5962H9215313QXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-Q30Y	5962H9215313QYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-Q40I	5962H9215303QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-Q40I	5962H9215303QNC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-Q40X	5962H9215303QXX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-Q40Y	5962H9215303QYC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-Q60I	5962H9215301QNC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-Q60X	5962H9215301QXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-Q60Y	5962H9215301QYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V30I	5962H9215313VNX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V30X	5962H9215313VXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V30Y	5962H9215313VYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V40I	5962H9215303VNC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-V40I	5962H9215303VZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-V40X	5962H9215303VXX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-V40Y	5962H9215303VYX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568C-V60I	5962H9215301VNC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V60X	5962H9215301VXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568C-V60Y	5962H9215301VYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q30I	5962H9215314QNX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q30X	5962H9215314QXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q30Y	5962H9215314QYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q40I	5962H9215304QZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-Q40I	5962H9215304QNC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-Q40X	5962H9215304QXX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-Q40Y	5962H9215304QYX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-Q60I	5962H9215302QNC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q60I	5962H9215302QZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q60X	5962H9215302QXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-Q60Y	5962H9215302QYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V30I	5962H9215314VNX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V30X	5962H9215314VXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V30Y	5962H9215314VYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V40I	5962H9215304VNC	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-V40I	5962H9215304VZX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-V40X	5962H9215304VXX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-V40Y	5962H9215304VYX	2	STATIC RAM, 32K X 8, 40 NS ACCESS TIME	Loral
LOR2568T-V60I	5962H9215302VNC	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V60I	5962H9215302VZX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V60X	5962H9215302VXX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR2568T-V60Y	5962H9215302VYX	2	STATIC RAM, 32K X 8, 60 NS ACCESS TIME	Loral
LOR6401C-Q55G	5962H9215401QYX	1	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
LOR6401C-Q55X	5962H9215401QXX	1	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
LOR6401C-V55G	5962H9215401VYX	1	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
LOR6401C-V55X	5962H9215401VXX	1	STATIC RAM, 64K X 1, (CMOS-I/O), 55 NS ACCESS TIME	Loral
LOR6401T-Q55G	5962H9215402QYX	1	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
LOR6401T-Q55X	5962H9215402QXX	1	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
LOR6401T-V55G	5962H9215402VYX	1	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
LOR6401T-V55X	5962H9215402VXX	1	STATIC RAM, 64K X 1, (TTL-I/O), 55 NS ACCESS TIME	Loral
LOR6408C-Q55X	5962H3829444Q8X	1	STATIC RAM, 8K X 8	Loral
LOR6408C-Q55Y	5962H3829444Q9C	1	STATIC RAM, 8K X 8	Loral
LOR6408C-V55X	5962H3829444V8X	1	STATIC RAM, 8K X 8	Loral
LOR6408C-V55Y	5962H3829444V9C	1	STATIC RAM, 8K X 8	Loral
LORAP1C-Q47F	5962H9210401QZX	1	ADDRESS PROCESSOR	Loral
LORAP1C-V47F	5962H9210401VZX	1	ADDRESS PROCESSOR	Loral
LORAP2C-Q45F	5962H9210601QZX	1	ADDRESS PROCESSOR	Loral
LORAP2C-V45F	5962H9210601VZX	1	ADDRESS PROCESSOR	Loral
LORFLPC-Q47F	5962H9210301QZX	1	MICROPROCESSOR, FLOATING-POINT	Loral
LORFLPC-V47F	5962H9210301VZX	1	MICROPROCESSOR, FLOATING-POINT	Loral
LORFXPC-Q49F	5962-9202601QZC	1	PROCESSOR, FIXED-POINT	Loral
LORFXPC-Q49F	5962H9202601QZX	1	PROCESSOR, FIXED-POINT	Loral
LORFXPC-V49F	5962-9202601VZC	1	PROCESSOR, FIXED-POINT	Loral
LORFXPC-V49F	5962H9202601VZX	1	PROCESSOR, FIXED-POINT	Loral
LP2951	5962-3870501RPA	1	VOLT. REGULATOR, ADJ.	National
LP2951	5962-3870501SPA	1	VOLT. REGULATOR, ADJ.	National
LP2951	5962-3870501BGA	1	VOLT. REGULATOR, ADJ.	National
LP2951	5962-3870501SGA	1	VOLT. REGULATOR, ADJ.	National
LP2951E/883	5962-3870501M2A	1	VOLT. REGULATOR, ADJ.	National
LP2951H/883	5962-3870501MGA	1	VOLT. REGULATOR, ADJ.	National

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
LP2951J/883	5962-3870501MPA	1	VOLT. REGULATOR, ADJ.	National
LP2953AMJ/883	5962-9233601MEA	2	VOLT. REGULATOR, ADJUSTABLE MICROPOWER LOW-DROPOUT	National
LP2956AMJ/883	5962-9554701QEA	2	VOLT. REGULATOR, DUAL, ADJ., POSITIVE, MICROPOWER, LOW-DROPOUT	National
LPC660AMJ/883	5962-9209302MCA	1	OP AMP, QUAD, LOW-POWER	National
LPC662AMJ/883	5962-9209402MPA	2	OP AMP, DUAL, LOW-POWER	National
LT1001AMH	5962-8773803GA	1	OP AMP, LOW-OFFSET	Linear
LT1001AMJ8	5962-8773803PA	1	OP AMP, LOW-OFFSET	Linear
LT1001MH	5962-8773801GA	1	OP AMP, LOW-OFFSET	Linear
LT1001MJ0	5962 8773801PA	1	OP AMP, LOW OFFSET	Linear
LT1002AMJ	5962-8771501CA	1	OP AMP, DUAL, ULTRA-LOW OFFSET, MATCHED	Linear
LT1003MK	5962-8987301YA	3	VOLT. REGULATOR, FIXED, POSITIVE, 5V, 5A	Linear
LT1004MH-1.2	5962-8859701XA	3	VOLT. REFERENCE DIODE	Linear
LT1004MH-2.5	5962-8859702XA	3	VOLT. REFERENCE DIODE	Linear
LT1007AMFKB	5962-87578012A	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1007AMH	5962-8757801GA	2	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1007AMJ8	5962-8757801PA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1007AMJGB	5962-8757801PA	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1007MFKB	5962-87578022 A	3	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1007MJGB	5962-8757802P A	3	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1009MH	5962-8961001XA	1	VOLT. REFERENCE DIODE, 2.5V	Linear
LT1009MH	M38510/14802SXA	1	VOLT. REFERENCE DIODE, 2.5V	Linear
LT1009MH	M38510/14802BXA	1	VOLT. REFERENCE DIODE, 2.5V	Linear
LT1010MH	5962-8856201XA	3	POWER BUFFER, FAST, ±150 MA	Linear
LT1010MK	5962-8856201YA	3	POWER BUFFER, FAST, ±150 MA	Linear
LT1011AMH	5962-9062701GA	1	VOLT. COMPARATOR	Linear
LT1011AMJ8	5962-9062701PA	1	VOLT. COMPARATOR	Linear
LT1011MH	5962-9062702GA	1	VOLT. COMPARATOR	Linear
LT1011MJ8	5962-9062702PA	1	VOLT. COMPARATOR	Linear
LT1012AMH	5962-9084202MG	1	OP AMP, LOW DRIFT, PRECISION	Linear
LT1012MD	5962-9084201MP	1	OP AMP, LOW DRIFT, PRECISION	Linear
LT1012MH	5962-9084201MG	1	OP AMP, LOW DRIFT, PRECISION	Linear
LT1013AMFKB	5962-88760012A	1(1)	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T. I.
LT1013AMH	5962-8876001GA	1	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
LT1013AMJ8	5962-8876001PA	1	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
LT1013AMJGB	5962-8876001PA	1(1)	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T. I.
LT1013MFKB	5962-88760022A	1(1)	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T. I.
LT1013MH	5962-8876002GA	1	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
LT1013MJ8	5962-8876002PA	1	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	Linear
LT1013MJGB	5962-8876002PA	1(1)	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T. I.
LT1014AMFKB	5962-89677012A	1(1)	OP AMP, QUAD, PRECISION	T. I.
LT1014AMJ	5962-8967701CA	1	OP AMP, QUAD, PRECISION	Linear
LT1014AMJB	5962-8967701CA	1(1)	OP AMP, QUAD, PRECISION	T. I.
LT1014MFKB	5962-89677022A	1(1)	OP AMP, QUAD, PRECISION	T. I.
LT1014MJ	5962-8967702CA	1	OP AMP, QUAD, PRECISION	Linear
LT1014MJB	5962-8967702CA	1(1)	OP AMP, QUAD, PRECISION	T. I.
LT1016MH	5962-8684501IA	1	VOLT. COMPARATOR, HIGH-SPEED	Linear
LT1016MJ8	5962-8684501PA	1	VOLT. COMPARATOR, HIGH-SPEED	Linear
LT1017MH	5962-8950401GA	1	VOLT. COMPARATOR, DUAL	Linear
LT1017MJ8	5962-8950401PA	1	VOLT. COMPARATOR, DUAL	Linear
LT1018MH	5962-8950402GA	1	VOLT. COMPARATOR, DUAL	Linear
LT1018MJ8	5962-8950402PA	1	VOLT. COMPARATOR, DUAL	Linear
LT1019AMH-10	5962-9059501GA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LT1019AMH-2.5	5962-9059504GA	1	VOLT. REFERENCE, 2.5V, PRECISION	Linear
LT1019AMH-4.5	5962-9059503GA	1	VOLT. REFERENCE, 4.5V, PRECISION	Linear
LT1019MH-10	5962-9059505GA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LT1019MH-2.5	5962-9059508GA	1	VOLT. REFERENCE, 2.5V, PRECISION	Linear
LT1019MH-4.5	5962-9059507GA	1	VOLT. REFERENCE, 4.5V, PRECISION	Linear
LT1019MH-5	5962-9059502GA	1	VOLT. REFERENCE, 5V, PRECISION	Linear
LT1019MH-5	5962-9059506GA	1	VOLT. REFERENCE, 5V, PRECISION	Linear
LT1020MJ	5962-9084101MCA	1	VOLT. REGULATOR/COMPARATOR, MICROPOWER	Linear
LT1021BMH-10	5962-8860001GA	1	VOLT. REFERENCE, 10V	Linear
LT1021BMH-10	M38510/12409BGA	1	VOLT. REFERENCE, 10V	Linear
LT1021BMH-10	M38510/12409SGA	1	VOLT. REFERENCE, 10V	Linear
LT1021BMH-5	M38510/12407SGA	1	VOLT. REFERENCE, 5.0V, PRECISION	Linear
LT1021BMH-5	5962-8876201GA	1	VOLT. REFERENCE, 5.0V, PRECISION	Linear
LT1021BMH-5	M38510/12407BGA	1	VOLT. REFERENCE, 5.0V, PRECISION	Linear
LT1021DMH 7	5962 8864701GA	1	VOLT. REFERENCE, 7.0V	Linear
LT1021BMH-7	M38510/12408SGA	1	VOLT. REFERENCE, 7.0V	Linear
LT1021CMH-10	5962-8860002GA	1	VOLT. REFERENCE, 10V	Linear
LT1021CMH-5	5962-8876202GA	1	VOLT. REFERENCE, 5.0V, PRECISION	Linear
LT1021DMH-10	5962-8860003GA	1	VOLT. REFERENCE, 10V	Linear
LT1021DMH-5	5962-8876203GA	1	VOLT. REFERENCE, 5.0V, PRECISION	Linear

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
LT1021DMH-7	5962-8864702GA	1	VOLT. REFERENCE, 7.0V	Linear
LT1022AMH	5962-8962201GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1022MH	5962-8962202GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1028AMH	5962-8862202GA	2	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1028AMJ8	5962-8862202PA	2	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1028MH	5962-8862201GA	2	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1028MJ8	5962-8862201PA	2	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1029AMH	5962-9051901XA	1	VOLT. REFERENCE, 5V, PRECISION	Linear
LT1029MH	5962-9051902XA	1	VOLT. REFERENCE, 5V, PRECISION	Linear
LT1031BMH	5962-8980201XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LT1031CMH	5962-8980202XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LT1031DMH	5962-8980203XA	1	VOLT. REFERENCE, 10V, PRECISION	Linear
LT1033MK	5962-8774101XA	1	VOLT. REGULATOR, ADJ., NEGATIVE, 3.0A	Linear
LT1037AMFK	5962-88567012A	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1037AMH	5962-8856701GA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1037AMJ8	5962-8856701PA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
LT1037AMJG	5962-8856701PA	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T. I.
LT1039MJ	5962-8875101VA	1	DRIVER/RECEIVER, TRIPLE RS-232, WITH SHUTDOWN AND BIAS	Linear
LT1039MJ16	5962-8875102EA	1	DRIVER/RECEIVER, TRIPLE RS-232	Linear
LT1054MH	5962-8956201GA	2	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	Linear
LT1054MJ8	5962-8956201PA	2	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	Linear
LT1055AMH	5962-8997601GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1055MH	5962-8997603GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1056AMH	5962-8997602GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1056MH	5962-8997604GA	1	OP AMP, HIGH-SPEED, PRECISION, JFET-INPUT	Linear
LT1057AMH	5962-9081701MGA	2	OP AMP, DUAL, JFET HIGH-SPEED	Linear
LT1057AMJ8	5962-9081701MPA	2	OP AMP, DUAL, JFET HIGH-SPEED	Linear
LT1057AMJ8	5962-9081702MPA	2	OP AMP, DUAL, JFET HIGH-SPEED	Linear
LT1057MH	5962-9081702MGA	2	OP AMP, DUAL, JFET HIGH-SPEED	Linear
LT1058AMJ	5962-8989701CA	2	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
LT1058AML	5962-8989701XA	2	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
LT1058MJ	5962-8989702CA	2	OP AMP, QUAD, PRECISION, HIGH-SPEED JFET	Linear
LT1070HVMK	5962-9082504MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 5A SWITCH	Linear
LT1070MK	5962-9082501MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 5A SWITCH	Linear
LT1071HVMK	5962-9082505MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 2.5A SWITCH	Linear
LT1071MK	5962-9082502MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 2.5A SWITCH	Linear
LT1072HVMK	5962-9082506MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
LT1072MJ8	5962-9082503MPA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
LT1072MK	5962-9082503MYA	2	VOLT. REGULATOR, HIGH-POWER SWITCHING, WITH INTERNAL 1.25A SWITCH	Linear
LT1074HVMK	5962-9457602MYA	2.00	VOLT. REGULATOR, SWITCHING	Linear
LT1074MK	5962-9457601MYA	2.00	VOLT. REGULATOR, SWITCHING	Linear
LT1076HVMK	5962-9311902MYA	2	VOLT. REGULATOR, SWITCHING, STEP-DOWN	Linear
LT1076MK	5962-9311901MYA	2	VOLT. REGULATOR, SWITCHING, STEP-DOWN	Linear
LT1078AMH	5962-9163204MGA	1	OP AMP, QUAD, PRECISION	Linear
LT1078AMJ8	5962-9163204MPA	1	OP AMP, QUAD, PRECISION	Linear
LT1078MH	5962-9163203MGA	1	OP AMP, QUAD, PRECISION	Linear
LT1078MJ8	5962-9163203MPA	1	OP AMP, QUAD, PRECISION	Linear
LT1079AMJ	5962-9163202MCA	1	OP AMP, QUAD, PRECISION	Linear
LT1079MJ	5962-9163201MCA	1	OP AMP, QUAD, PRECISION	Linear
LT1080MJ	5962-8766601VA	3	BUS TRANSCEIVER, DUAL RS232, WITH SHUTDOWN	Linear
LT1081MJ	5962-8766602EA	3	BUS TRANSCEIVER, DUAL RS232	Linear
LT1083MK	5962-8952001XA	2	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LT1084MK	5962-8952101XA	2	VOLT. REGULATOR, ADJ., POSITIVE, 5.0A	Linear
LT1085MK	5962-8864601XA	2	VOLT. REGULATOR, ADJ., POSITIVE, 2.0A	Linear
LT1086MH	5962-8998101YA	3	VOLT. REGULATOR, ADJ., POSITIVE, 1.0A	Linear
LT1086MK	5962-8998101XA	3	VOLT. REGULATOR, ADJ., POSITIVE, 1.0A	Linear
LT1111MJ8	5962-9321201MPA	2	DC/DC CONVERTER, MICROPOWER	Linear
LT1120MJ8	5962-9322401MPA	2	VOLT. REGULATOR, WITH COMPARATOR AND SHUTDOWN	Linear
LT1124AMJ	5962-9323803MCA	3.00	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	Linear
LT1124MJ8	5962-9323802MPA	3.00	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	Linear
LT1125AMJ8	5962-9323804MPA	3.00	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	Linear
LT1125MJ	5962-9323801MCA	3.00	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	Linear
LT1172MJ8	5962-9207901MPA	2	SWITCHING REGULATOR, 100 KHZ, WITH INTERNAL 1.25A SWITCH	Linear
LT117AH	7703405XA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LT117AHVH	7703407XA	1	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear
LT117AHVK	7703407YA	1	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	Linear

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LT117AK	7703405YA	1	VOLT. REGULATOR, ADJ., POSITIVE	Linear
LT1180MJ	5962-9172901MVA	1	TRANSCEIVER, DUAL RS-232, WITH SHUTDOWN	Linear
LT1181MJ	5962-9172902MEA	1	TRANSCEIVER, DUAL RS-232	Linear
LT1185MK	5962-9469501MYA	2.00	VOLT. REGULATOR, NEGATIVE, LOW DROPOUT, 3A	Linear
LT118AJ8	5962-9451601MPA	2	OP AMP. HIGH-SPEED	Linear
LT119AH	M38510/10307BIA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT119AH	M38510/10307SIA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT119AJ	M38510/10307BCA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT119AJ	M38510/10307SCA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT119AW	M38510/10307BHA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT119AW	M38510/10307SHA	2	VOLT. COMPARATOR, DUAL, HIGH-SPEED	Linear
LT1229MJ8	5962-9318401MPA	3	CURRENT FEEDBACK AMPLIFIER, DUAL	Linear
LT1230MJ	5962-9318402MCA	3	CURRENT FEEDBACK AMPLIFIER, QUAD	Linear
LT1241MJ8	5962-9319001MPA	1	PULSE WIDTH MODULATOR, CONTROLLED	Linear
LT1242MJ8	5962-9319002MPA	1	PULSE WIDTH MODULATOR, CONTROLLED	Linear
LT1243MJ8	5962-9319003MPA	1	PULSE WIDTH MODULATOR, CONTROLLED	Linear
LT1244MJ8	5962-9319004MPA	1	PULSE WIDTH MODULATOR, CONTROLLED	Linear
LT1245MJ8	5962-9319005MPA	1	PULSE WIDTH MODULATOR, CONTROLLED	Linear
LT1280MJ	5962-9172903MVA	3	TRANSCEIVER, DUAL RS-232, WITH SHUTDOWN	Linear
LT1281MJ	5962-9172904MEA	3	TRANSCEIVER, DUAL RS-232	Linear
LT137AH	7703406XA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LT137AHVH	7703408XA	2	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
LT137AHVK	7703408YA	2	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	Linear
LT137AK	7703406YA	2	VOLT. REGULATOR, ADJ., NEGATIVE	Linear
LT150AK	5962-8767502XA	1	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	Linear
LT1525AJ	5962-8951101EA	1	PULSE WIDTH MODULATOR, REGULATING	Linear
LT1527AJ	5962-8951102EA	1	PULSE WIDTH MODULATOR, REGULATING	Linear
LT1846J	5962-8680601EA	1	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Linear
LT1847J	5962-8680602EA	1	PULSE WIDTH MODULATOR, CURRENT MODE	Linear
LT580SH	5962-8686101XA	1	VOLT. REFERENCE, 2.5V, PRECISION (1%)	Linear
LT580TH	5962-8686102XA	1	VOLT. REFERENCE, 2.5V, PRECISION (.4%)	Linear
LTC1041MJ8	5962-9470901MPA	1.00	CONTROLLER, BANG-BANG	Linear
LTC1044MH	5962-3870701MGA	1	VOLTAGE CONVERTER, SWITCHED-CAPACITOR	Linear
LTC1044MTR	5962-3870701MPA	1	VOLTAGE CONVERTER, SWITCHED-CAPACITOR	Linear
LTC1045MJ	5962-9054501RA	1	TRANSLATOR/RECEIVER/DRIVER, HEX, PROGRAMMABLE	Linear
LTC1051AMJ8	5962-9460002MPA	1.00	OP AMP, DUAL, PRECISION, CHOPPER-STABILIZED	Linear
LTC1051MJ8	5962-9460001MPA	1.00	OP AMP, DUAL, PRECISION, CHOPPER-STABILIZED	Linear
LTC1052MH	5962-8978201GA	1	OP AMP, CHOPPER-STABILIZED	Linear
LTC1052MJ	5962-8978201CA	1	OP AMP, CHOPPER-STABILIZED	Linear
LTC1052MJ8	5962-8978201PA	1	OP AMP, CHOPPER-STABILIZED	Linear
LTC1060AMJ	5962-8864101RA	1	FILTER, UNIVERSAL DUAL	Linear
LTC1060MJ	5962-8864102RA	1	FILTER, UNIVERSAL DUAL	Linear
LTC1062MJ8	5962-9159501MPX	1	FILTER, LOW-PASS, 5TH-ORDER	Linear
LTC1064-1AMJ	5962-9069302MCA	2	SWITCHED CAPACITOR FILTER, 8TH ORDER, CLOCK SWEEPABLE ELLIPTIC (CAUER) LOWPASS	Linear
LTC1064-1MJ	5962-9069301MCA	2	SWITCHED CAPACITOR FILTER, 8TH ORDER, CLOCK SWEEPABLE ELLIPTIC (CAUER) LOWPASS	Linear
LTC1064-4MJ	5962-9064901CA	2	FILTER, CAUER LOW PASS, LOW NOISE, 8TH ORDER, CLOCK SWEEPABLE	Linear
LTC1064-4ML	5962-9064901XA	2	FILTER, CAUER LOW PASS, LOW NOISE, 8TH ORDER, CLOCK SWEEPABLE	Linear
LTC1064MJ	5962-8948301LA	2	UNIVERSAL FILTER BUILDING BLOCK, QUAD	Linear
LTC1290BMJ	5962-8983002RA	2	DATA ACQUISITION SYSTEM, 12-BIT	Linear
LTC1290CMJ	5962-8983003RA	2	DATA ACQUISITION SYSTEM, 12-BIT	Linear
LTC1290DMJ	5962-8983004RA	2	DATA ACQUISITION SYSTEM, 12-BIT	Linear
LTC1291BMJ8	5962-9305701MPA	2.00	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1291CMJ8	5962-9305705MPA	2.00	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1291DMJ8	5962-9305709MPA	2.00	DATA ACQUISITION SYSTEM, 2-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1292BMJ8	5962-9305702MPA	2.00	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1292CMJ8	5962-9305706MPA	2.00	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1292DMJ8	5962-9305710MPA	2.00	DATA ACQUISITION SYSTEM, 1-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1293BMJ	5962-9305703MEA	2.00	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1293CMJ	5962-9305707MEA	2.00	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1293DMJ	5962-9305711MEA	2.00	DATA ACQUISITION SYSTEM, 6-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1294BMJ	5962-9305704MRA	2.00	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1294CMJ	5962-9305708MRA	2.00	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC1294DMJ	5962-9305712MRA	2.00	DATA ACQUISITION SYSTEM, 8-CHANNEL, 12-BIT SERIAL I/O	Linear
LTC486MJ8	5962-9208003MPA	1	BUS TRANSCEIVER, DIFFERENTIAL, RS485	Linear
MC28F008	5962-9455701QQA	1	PROM, ELECTR. ERASABLE, 1M X 8	Intel
MC28F008	5962-9455702QQA	1	PROM, ELECTR. ERASABLE, 1M X 8	Intel
MD80C86-2/883	8405202QA	2	MICROPROCESSOR, 16-BIT, 8 MHZ	Harris
MD80C86/883	8405201QA	2	MICROPROCESSOR, 16-BIT, 5 MHZ	Harris
MD80C88/883	5962-8601601QA	1	MICROPROCESSOR, 8-BIT	Harris

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
MD82C237	5962-9054304MQA	1	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MD82C237-12	5962-9054305MQA	1	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
MD82C37A	5962-9054302MQA	1	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MD82C37A-12	5962-9054303MQA	1	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
MD82C37A-5	5962-9054301MQA	1	DMA CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
MD82C52/883	8501501XA	1	CONTROLLER INTERFACE, SERIAL, 16 MHZ	Harris
MD82C54-12/883	8406502JA	1	INTERVAL TIMER, PROGRAMMABLE	Harris
MD82C54/883	8406501JA	1	INTERVAL TIMER, PROGRAMMABLE	Harris
MD82C55A-5/883	8406601XA	1	PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ	Harris
MD82C55A-5/883	8406601QA	1	PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ	Harris
MD82C55A/883	8406602QA	1	PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ	Harris
MD82C59A-5/B	5962-8501601YA	1	INTERRUPT CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
MD82C59A/B	5962-8501602YA	1	INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MD82C82/883	8406701RA	1	BUS DRIVER, OCTAL LATCHED	Harris
MD82C83H/883	8406702RA	1	BUS DRIVER, OCTAL LATCHED	Harris
MD82C84A/883	8406801VA	1	CLOCK GENERATOR/DRIVER, 25 MHZ	Harris
MD82C86H-5/883	5962-8757701RA	1	BUS TRANSCEIVER, 8-BIT	Harris
MD82C87H-5/883	5962-8757702RA	1	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	Harris
MD82C88/883	8406901RA	1	BUS CONTROLLER, 8 MHZ	Harris
MD82C89/B	5962-8552801RA	1	BUS ARBITER, 8 MHZ	Harris
MF28F008	5962-9455701QXA	1	PROM, ELECTR. ERASABLE, 1M X 8	Intel
MF28F008	5962-9455702QXA	1	PROM, ELECTR. ERASABLE, 1M X 8	Intel
MG80486DX2-50	5962-9310503QXA	1	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
MG80486DX2-50/Q	5962-9310503QXA	1	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
MG80486DX2-66	5962-9310504QXA	1	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
MG80C286-10/883	5962-9067801MXC	2	MICROPROCESSOR, 16-BIT, 10 MHZ	Harris
MG80C286-12/883	5962-9067802MXC	2	MICROPROCESSOR, 16-BIT, 12 MHZ	Harris
MM101ACQA	M38510/10103BHA	1(1)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM101ADCA	M38510/10103BCA	1(1)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM101ADEA	M38510/10103BPA	1(1)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM101ATEA	M38510/10103BGA	1(1)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM108ADEA	M38510/10104BPA	1(.7)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM108ALSA	M38510/10104B2A	1(.7)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM108ATEA	M38510/10104BGA	1(.7)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM111CQA	M38510/10304BHA	1(.3)	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
MM111DEA	M38510/10304BPA	1(.3)	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
MM111DFA	M38510/10304BCA	1(.3)	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
MM111LSA	M38510/10304B2A	1(.3)	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
MM111TEA	M38510/10304BGA	1(.3)	VOLT. COMPARATOR/BUFFER, PRECISION	Raytheon (QPL)
MM124DCA	M38510/11005BCA	1(.6)	OP AMP, QUAD	Raytheon (QPL)
MM139CAA	M38510/11201BDA	1(1.2)	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
MM139DCA	M38510/11201BCA	1(1.2)	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
MM139LSA	M38510/11201B2A	1(1.2)	VOLT. COMPARATOR, QUAD	Raytheon (QPL)
MM148DCA	M38510/11001BCA	1(.8)	OP AMP, QUAD	Raytheon (QPL)
MM2101ADMA	M38510/10105BEA	1(1)	OP AMP, DUAL	Raytheon (QPL)
MM2108ADMA	M38510/10106BEA	1(1)	OP AMP, DUAL	Raytheon (QPL)
MM2111DMA	M38510/10305BEA	1(.3)	VOLT. COMPARATOR, DUAL	Raytheon (QPL)
MM4136DCA	M38510/11004BCA	1(.5)	OP AMP, QUAD	Raytheon (QPL)
MM4156CAA	M38510/11003BDA	1(.4)	OP AMP, QUAD	Raytheon (QPL)
MM4156DCA	M38510/11003BCA	1(.4)	OP AMP, QUAD	Raytheon (QPL)
MM4807ADEA	M38510/13501BPA	1(.75)	OP AMP, PRECISION	Raytheon (QPL)
MM4807ALSA	M38510/13501B2A	1(.75)	OP AMP, PRECISION	Raytheon (QPL)
MM4807ATEA	M38510/13501BGA	1(.75)	OP AMP, PRECISION	Raytheon (QPL)
MM4807DEA	M38510/13502BPA	1(.75)	OP AMP, LOW-OFFSET	Raytheon (QPL)
MM4807LSA	M38510/13502B2A	1(.75)	OP AMP, LOW-OFFSET	Raytheon (QPL)
MM4807TEA	M38510/13502BGA	1(.75)	OP AMP, LOW-OFFSET	Raytheon (QPL)
MM4818ADMA	M38510/11302BEA	1(.3)	D/A CONVERTER, 8-BIT	Raytheon (QPL)
MM4818DMA	M38510/11301BEA	1(.3)	D/A CONVERTER, 8-BIT	Raytheon (QPL)
MM54C08J/883B	7703601CA	1	AND GATE, QUAD 2-INPUT	National
MM54C08W/883	7703601DA	1	AND GATE, QUAD 2-INPUT	National
MM54C85J/883	7703701EA	1	MAGNITUDE COMPARATOR, 4-BIT	National
MM54C85W/883	7703701FA	1	MAGNITUDE COMPARATOR, 4-BIT	National
MM54C922J/883	5962-8752101VA	1	KEYBOARD ENCODER, 16-KEY, WITH 3-STATE OUTPUTS	National
MM54HC123AE/883	5962-86847022A	1	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	National
MM54HC123AJ/883	5962-8684702EA	1	MULTIVIBRATOR, DUAL MONOSTABLE REGRIGGERABLE	National
MM54HC161J/883B	8407501E	1	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	National
MM54HC193J/883	5962-8772401E A	1	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	National
MM5532ADHA	M38510/13102RPA	2(2)	OP AMP, DUAL LOW-NOISE	Raytheon (QPL)
MM5532ADHA	M38510/13102BPA	2(2)	OP AMP, DUAL LOW-NOISE	Raytheon (QPL)
MM5534ADEA	M38510/13101BPA	2(2)	OP AMP, LOW-NOISE	Raytheon (QPL)
MM5534ATEA	M38510/13101BGA	2(2)	OP AMP, LOW-NOISE	Raytheon (QPL)
MM741DCA	M38510/10101BCA	1(0.75)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM741DEA	M38510/10101BPA	1(0.75)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)

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MM741TEA	M38510/10101BGA	1(0.75)	OP AMP, GENERAL PURPOSE	Raytheon (QPL)
MM747SCAA	M38510/10102BDA	1(.75)	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
MM747SCJA	M38510/10102BAA	1(.75)	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
MM747SDCA	M38510/10102BCA	1(0.75)	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
MM747STFA	M38510/10102BIA	1(.75)	OP AMP, GENERAL PURPOSE, DUAL	Raytheon (QPL)
MM78C29J/883	5962-9321001MCA	1	LINE DRIVER, QUAD SINGLE-ENDED	National
MM78C30J/883	5962-8988201CA	1	LINE DRIVER, DUAL DIFFERENTIAL	National
MML120DJA	M38510/70602BLA	1(.5)	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
MML120DLA	M38510/70602BEA	1(.5)	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
MML120DSA	M38510/70602BRA	1(.5)	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
MML120LBA	M38510/70602BXA	1(.5)	LINEAR ARRAY, 12 MACROCELL LOCATIONS	Raytheon (QPL)
MML160DLA	M38510/70603BEA	1(.4)	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
MML160DQA	M38510/70603BVA	1(.4)	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
MML160DSA	M38510/70603BRA	1(.4)	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
MML160LBA	M38510/70603BXA	1(.4)	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
MML160MSA	M38510/70603BQA	1(.4)	LINEAR ARRAY, 16 MACROCELL LOCATIONS	Raytheon (QPL)
MML80DFA	M38510/70601BCA	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MML80DLA	M38510/70601BEA	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MML80DQA	M38510/70601BVA	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MML80DSA	M38510/70601BRA	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MML80LBA	M38510/70601BXA	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MML80LSA	M38510/70601B2A	1(.04)	LINEAR ARRAY, 8 MACROCELL LOCATIONS	Raytheon (QPL)
MQ80386-16	5962-8766801MYA	1	MICROPROCESSOR, 32-BIT, 16 MHZ	Intel
MQ80386-20	5962-8766803MYA	1	MICROPROCESSOR, 32-BIT, 20 MHZ	Intel
MQ80386-25	5962-8766804MYA	1	MICROPROCESSOR, 32-BIT, 25 MHZ	Intel
MQ80386Q-20	5962-8766803QYX	1	MICROPROCESSOR, 32-BIT, 20 MHZ	Intel
MQ80386Q-25	5962-8766804QYX	1	MICROPROCESSOR, 32-BIT, 25 MHZ	Intel
MQ80387	5962-8953401MYA	1	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
MQ80387-20	5962-8953402MYA	1	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
MQ80387-25	5962-8953403MYA	1	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
MQ80387Q-20	5962-8953402QYX	1	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
MQ80387Q-25	5962-8953403QYX	1	NUMERIC PROCESSOR EXTENSION, 80-BIT	Intel
MQ80486DX2-50	5962-9310503QYA	1	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 50 MHZ	Intel
MQ80486DX2-66	5962-9310504OXA	1	MICROPROCESSOR, 32-BIT, HIGH INTEGRATION, 66 MHZ	Intel
MQ82596CA-25/Q	5962-9454201QYA	1	LOCAL AREA NETWORK COPROCESSOR, 32-BIT	Intel
MR80C86-2/883	8405202XA	2	MICROPROCESSOR, 16-BIT, 8 MHZ	Harris
MR80C86/883	8405201XA	2	MICROPROCESSOR, 16-BIT, 5 MHZ	Harris
MR80C88/883	5962-8601601XA	1	MICROPROCESSOR, 8-BIT	Harris
MR82C237	5962-9054304MXA	1	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MR82C237-12	5962-9054305MXA	1	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
MR82C37A	5962-9054302MXA	1	DMA CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MR82C37A-12	5962-9054303MXA	1	DMA CONTROLLER, PROGRAMMABLE, 12.5 MHZ	Harris
MR82C37A-5	5962-9054301MXA	1	DMA CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
MR82C52/883	85015013A	1	CONTROLLER INTERFACE, SERIAL, 16 MIB	Harris
MR82C54-12/883	84065023A	1	INTERVAL TIMER, PROGRAMMABLE	Harris
MR82C54/883	84065013A	1	INTERVAL TIMER, PROGRAMMABLE	Harris
MR82C55A/883	8406602XA	1(1.)	PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ	Harris
MR82C59A-5/B	5962-85016013A	1	INTERRUPT CONTROLLER, PROGRAMMABLE, 5 MHZ	Harris
MR82C59A/B	5962-85016023A	1	INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ	Harris
MR82C82/883	84067012A	1	BUS DRIVER, OCTAL LATCHED	Harris
MR82C83H/883	84067022A	1	BUS DRIVER, OCTAL LATCHED	Harris
MR82C84A/883	84068012A	1	CLOCK GENERATOR/DRIVER, 25 MHZ	Harris
MR82C86H-5/883	5962-87577012A	1	BUS TRANSCEIVER, 8-BIT	Harris
MR82C87H-5/883	5962-87577022A	1	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	Harris
MR82C88/883	84069012A	1	BUS CONTROLLER, 8 MHZ	Harris
MR82C89/B	5962-85528012A	1	BUS ARBITER, 8 MHZ	Harris
NM93CS66J/883	5962-9154901MPA	2	PROM, ELECTR. ERASABLE, 256 X 16	National
NSC800D-35/883	8301302QA	1	MICROPROCESSOR, 8-BIT, 3.5 MHZ	National
NSC800D/883B	8301301QA	1	MICROPROCESSOR, 8-BIT, 2.5 MHZ	National
NSC800E-35/883	8301302ZA	1	MICROPROCESSOR, 8-BIT, 3.5 MHZ	National
NSC800E/883B	8301301ZA	1	MICROPROCESSOR, 8-BIT, 2.5 MHZ	National
OP-37AFK	5962-88537012A	1(0)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
OP-37AUG	5962-8853701PA	1(0)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
OP-37CFK	5962-88537032A	1(0)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
OP-37CUG	5962-8853703PA	1(0)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
OP07 J1	M38510/13502BGC	1(0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07 J5	M38510/13502BGA	1(0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07 Z2	M38510/13502BPR	1(0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07 Z5	M38510/13502BPA	1(0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07A J1	M38510/13501BGC	1(0.8)	OP AMP, PRECISION	PMI (QPL)
OP07A J5	M38510/13501BGA	1(0.8)	OP AMP, PRECISION	PMI (QPL)
OP07A Z2	M38510/13501BPA	1(0.8)	OP AMP, PRECISION	PMI (QPL)
OP07A Z5	M38510/13501BPA	1(0.8)	OP AMP, PRECISION	PMI (QPL)

TABLE II
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OP07AH	M38510/13501SGA	1	OP AMP, PRECISION	Linear
OP07AH	M38510/13501SGC	1	OP AMP, PRECISION	Linear
OP07AH	M38510/13501BGC	1	OP AMP, PRECISION	Linear
OP07AH	M38510/13501BGA	1	OP AMP, PRECISION	Linear
OP07AJ8	M38510/13501SPA	1	OP AMP, PRECISION	Linear
OP07AJ8	M38510/13501BPA	1	OP AMP, PRECISION	Linear
OP07H	M38510/13502SGA	1	OP AMP, LOW-OFFSET	Linear
OP07H	M38510/13502BGA	1	OP AMP, LOW-OFFSET	Linear
OP07H	M38510/13502BGC	1	OP AMP, LOW-OFFSET	Linear
OP07H	M38510/13502SGC	1	OP AMP, LOW-OFFSET	Linear
OP07H/883	8203602GA	1 (0)	OP AMP, LOW-OFFSET	National
OP07J8	M38510/13502SPA	1	OP AMP, LOW-OFFSET	Linear
OP07J8	M38510/13502BPA	1	OP AMP, LOW-OFFSET	Linear
OP07S J1	M38510/13502SGC	1 (0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07S J5	M38510/13502SGA	1 (0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07S Z2	M38510/13502SPB	1 (0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07S Z5	M38510/13502SPA	1 (0.8)	OP AMP, LOW-OFFSET	PMI (QPL)
OP07SA J1	M38510/13501SGC	1 (0.8)	OP AMP, PRECISION	PMI (QPL)
OP07SA J5	M38510/13501SGA	1 (0.8)	OP AMP, PRECISION	PMI (QPL)
OP07SA Z2	M38510/13501SPB	1 (0.8)	OP AMP, PRECISION	PMI (QPL)
OP07SA Z5	M38510/13501SPA	1 (0.8)	OP AMP, PRECISION	PMI (QPL)
OP227AJ	5962-8688701CA	2	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE	Linear
OP27	M38510/13503BPA	3 (4)	OP AMP, PRECISION	T. I.
OP27A J1	M38510/13503BGC	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27A J5	M38510/13503BGA	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27A Z2	M38510/13503BPB	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27A Z5	M38510/13503BPA	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27AH	M38510/13503BGA	2	OP AMP, PRECISION	Linear
OP27AH	M38510/13503SGA	2	OP AMP, PRECISION	Linear
OP27AH	M38510/13503BGC	2	OP AMP, PRECISION	Linear
OP27AH	M38510/13503SGC	2	OP AMP, PRECISION	Linear
OP27AJ8	M38510/13503BPA	2	OP AMP, PRECISION	Linear
OP27AJ8	M38510/13503SPA	2	OP AMP, PRECISION	Linear
OP27SA J1	M38510/13503SGC	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27SA J5	M38510/13503SGA	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP27SA Z2	M38510/13503SPB	3 (5)	OP AMP, PRECISION	PMI (QPL)
OP37AH	5962-8853701GA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
OP37AJ8	5962-8853701PA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
OP37CH	5962-8853703GA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
OP37CJ8	5962-8853703PA	1	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	Linear
OP027SA Z5	M38510/13503SPA	3 (5)	OP AMP, PRECISION	PMI (QPL)
PAL16L8A-2MFKB	81036112A	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T. I.
PAL16L8A-2MJB	81036111RA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T. I.
PAL16L8A-2MWB	81036111SA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8 OUTPUT AND-OR-INVERT	T. I.
PAL16L8AMFKB	81036072A	2 (2)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL16L8AMJB	8103607RA	2 (2)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL16L8AMWB	8103607SA	2 (2)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL16R4A-2MFKB	81036142A	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL16R4A-2MJB	8103614RA	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL16R4A-2MWB	8103614SA	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL16R4AMFKB	81036102A	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T. I.
PAL16R4AMJB	8103610RA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T. I.
PAL16R4AMWB	8103610SA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 4-OUTPUT AND-OR	T. I.
PAL16R6A-2MFKB	81036132A	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.
PAL16R6A-2MJB	8103613RA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.
PAL16R6A-2MWB	8103613SA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.
PAL16R6AMFKB	81036092A	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T. I.
PAL16R6AMJB	8103609RA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T. I.
PAL16R6AMWB	8103609SA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 6-OUTPUT AND-OR	T. I.
PAL16R8A-2MFKB	81036122A	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL16R8A-2MJB	8103612RA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL16R8A-2MWB	8103612SA	1 (0)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL16R8AMFKB	81036082A	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T. I.
PAL16R8AMJB	8103608RA	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T. I.
PAL16R8AMWB	8103608SA	1 (.5)	PROG. LOGIC DEVICE, 16-INPUT 8-OUTPUT AND-OR	T. I.
PAL20L8-20	8412901LA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL20L8-20	8412901XA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL20L8-20	8412901KA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR-INVERT	T. I.
PAL20R4-20	8412904XA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL20R4-20	8412904LA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL20R4-20	8412904KA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T. I.
PAL20R6-20	8412903XA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.
PAL20R6-20	8412903LA	1 (0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
PAL20R6-20	8412903KA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T. I.
PAL20R8-20	8412902XA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL20R8-20	8412902LA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL20R8-20	8412902KA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T. I.
PAL22V10AMJTB	5962-8605301LA	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T. I.
PAL22V10AMWB	5962-8605301KA	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T. I.
PALC22V10-25DMB	5962-8867001LX	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
PALC22V10-25KMB	5962-8867001KX	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
PALC22V10-25LMB	5962-88670013X	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	Cypress
PALC22V10-25QMB	5962-87539013X	1	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10-25WMB	5962-8753901LX	1	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10 30DMB	5962 8867002LX	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
PALC22V10-30KMB	5962-8867002KX	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
PALC22V10-30LMB	5962-88670023X	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	Cypress
PALC22V10-30QMB	5962-87539023X	1	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10-30WMB	5962-8753902LX	1	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10-40DMB	5962-8867003LX	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME	Cypress
PALC22V10-40LMB	5962-88670033X	1	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME	Cypress
PALC22V10-40WMB	5962-8753903LX	1	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10B-15DMB	5962-8867005LX	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
PALC22V10B-15KMB	5962-8867005KX	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
PALC22V10B-15LMB	5962-88670053X	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME	Cypress
PALC22V10B-20DMB	M38510/50803BLA	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20DMB	5962-8867004LX	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20KMB	5962-8867004KX	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20KMB	M38510/50803BKA	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20LMB	5962-88670043X	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20LMB	M38510/50803B3A	2	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	Cypress
PALC22V10B-20QMB	5962-87539043X	2	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10B-20WMB	5962-8753904LX	2	PROG. LOGIC DEVICE, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-10DMB	5962-8984106LX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-10KMB	5962-8984106KX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-10LMB	5962-89841063X	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-15DMB	5962-8984103LX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
PALC22V10D-15DMB	5962-8984105LX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-15KMB	5962-8984105KX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-15KMB	5962-8984103KX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
PALC22V10D-15LMB	5962-89841033X	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TI	Cypress
PALC22V10D-15LMB	5962-89841053X	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-25DMB	5962-8984104LX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-25KMB	5962-8984104KX	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PALC22V10D-25LMB	5962-89841043X	3	PROG. LOGIC DEVICE, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR	Cypress
PM108A Z2	M38510/10104BPB	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM108A Z5	M38510/10104BPA	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
PM108SA J1	M38510/10104SGC	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM108SA J5	M38510/10104SGA	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM111 J5	M38510/10304BGA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111 Y2	M38510/10304BCB	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111 Y5	M38510/10304BCA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111 Z2	M38510/10304BPB	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111 Z5	M38510/10304BPA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111S Z5	M38510/10304SPA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111S J5	M38510/10304SGA	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM111C Z2	M38510/10304SPB	1(0)	VOLT. COMPARATOR/BUFFER, PRECISION	PMI (QPL)
PM139 M5	M38510/11201BDA	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139 Y2	M38510/11201BCB	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139 Y2	M38510/11201BCB	1(1.2)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139 Y5	M38510/11201BCA	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139S M5	M38510/11201SDA	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139S Y2	M38510/11201SCB	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM139S Y5	M38510/11201SCA	1(1.1)	VOLT. COMPARATOR, QUAD	PMI (QPL)
PM155 J1	M38510/11401BGC	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM155 J5	M38510/11401BGA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM155 Z2	M38510/11401BPB	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM155 Z5	M38510/11401BPA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM155S J1	M38510/11401SGC	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155S J5	M38510/11401SGA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155S Z2	M38510/11401SPB	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155S Z5	M38510/11401SPA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155SA J1	M38510/11404SGC	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155SA J5	M38510/11404SGA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155SA Z2	M38510/11404SPB	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM155SA Z5	M38510/11404SPA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156 J1	M38510/11402BGC	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156 J5	M38510/11402BGA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156 Z2	M38510/11402BPB	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156 Z5	M38510/11402BPA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156A J1	M38510/11405BGC	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156A J5	M38510/11405BGA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156A Z2	M38510/11405BPB	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156A Z5	M38510/11405BPA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM156S J1	M38510/11402SGC	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156S J5	M38510/11402SGA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156S Z2	M38510/11402SPB	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156S Z5	M38510/11402SPA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156SA J1	M38510/11405SGC	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156SA J5	M38510/11405SGA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156SA Z2	M38510/11405SPB	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM156SA Z5	M38510/11405SPA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM157 J1	M38510/11403BGC	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM157 J5	M38510/11403BGA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM157 Z2	M38510/11403BPB	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM157 Z5	M38510/11403BPA	1(1.5)	OP AMP, JFET-INPUT	PMI (QPL)
PM157A J5	M38510/11406BGA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM157A Z2	M38510/11406BPB	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM157A Z5	M38510/11406BGC	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM157A Z5	M38510/11406BPA	1(1.3)	OP AMP, JFET-INPUT	PMI (QPL)
PM2108A Q2	M38510/10106BEB	1(0.5)	OP AMP, DUAL	PMI (QPL)
PM2108A Q5	M38510/10106BEA	1(0.5)	OP AMP, DUAL	PMI (QPL)
PM4136 Y2	M38510/11004BCB	1(1.7)	OP AMP, QUAD	PMI (QPL)
PM4136 Y5	M38510/11004BCA	1(1.7)	OP AMP, QUAD	PMI (QPL)
PM741A J1	M38510/10101BGC	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM741A J5	M38510/10101BGA	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM741SA J1	M38510/10101SGC	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
PM741SA J5	M38510/10101SGA	1(0.7)	OP AMP, GENERAL PURPOSE	PMI (QPL)
REF01AH	5962-8958101GA	1	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	Linear
REF01AJ8	5962-8958101PA	1	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	Linear
SCAN18245TFMQB	5962-9311501MXA	3	TRANSCEIVER, NON-INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
SCAN18373TFMQB	5962-9311801MXA	3	LATCH, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
SCAN18374TFMQB	5962-9320701MXA	3	FLIP-FLOP, D-TYPE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
SCAN18540TFMQB	5962-9312701MXA	3	LINE DRIVER, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	National
SCAN18541TFMQB	5962-9311601MXA	3	LINE DRIVER, NON-INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS/OUTPUTS	National

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SCANPSC100FDMQB	5962-9475001QXA	3	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
SCANPSC100FFMQB	5962-9475001QYA	3	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
SCANPSC100FLMOB	5962-9475001Q3A	3	ACCESS NETWORK, SERIALLY CONTROLLED, PARA/SER CONVERTER, TTL COMP INPUTS	National
SE555	M38510/10901BPA	1(.5)	TIMER, PRECISION	T.I.
SE555	M38510/10901BCA	1(.5)	TIMER, PRECISION	T.I.
SE556	M38510/10902BCA	1(.5)	TIMER, DUAL PRECISION	T.I.
SE592	8418502HA	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
SE592FKB	84185022A	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
SE592JB	8418502CA	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
SJM181BCA	M38510/11101BCA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM181BCC	M38510/11101BCC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM181BIA	M38510/11101BIA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM181BIC	M38510/11101BIC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM181BXA	M38510/11101BXA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM181BXC	M38510/11101BXC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BCA	M38510/11102BCA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BCC	M38510/11102BCC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BIA	M38510/11102BIA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BIC	M38510/11102BIC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BXA	M38510/11102BXA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM182BXC	M38510/11102BXC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM184BEA	M38510/11103BEA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM184BEC	M38510/11103BEC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM184BXA	M38510/11103BXA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM184BXC	M38510/11103BXC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM185BEA	M38510/11104BEA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM185BEC	M38510/11104BEC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM185BXA	M38510/11104BXA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM185BXC	M38510/11104BXC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM187BCA	M38510/11105BCA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM187BCC	M38510/11105BCC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM187BIA	M38510/11105BIA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM187BIC	M38510/11105BIC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM187BXA	M38510/11105BXA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM187BXC	M38510/11105BXC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BCA	M38510/11106BCA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BCC	M38510/11106BCC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BIA	M38510/11106BIA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BIC	M38510/11106BIC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BXA	M38510/11106BXA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM188BXC	M38510/11106BXC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM190BEA	M38510/11107BEA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM190BEC	M38510/11107BEC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM190BXA	M38510/11107BXA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM190BXC	M38510/11107BXC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM191BEA	M38510/11108BEA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM191BEC	M38510/11108BEC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM191BXA	M38510/11108BXA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM191BXC	M38510/11108BXC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM200BCA	M38510/12301BCA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM200BCC	M38510/12301BCC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM200BIA	M38510/12301BIA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM200BIC	M38510/12301BIC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM201BEA	M38510/12302BEA	1(0.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
SJM201BEC	M38510/12302BEC	1(0.5)	ANALOG SWITCH, SPST, 4-CHANNEL	Siliconix
SJM300BCA	M38510/11601BCA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM300BCC	M38510/11601BCC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM300BIA	M38510/11601BIA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM300BIC	M38510/11601BIC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM301BCA	M38510/11602BCA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM301BCC	M38510/11602BCC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM301BIA	M38510/11602BIA	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM301BIC	M38510/11602BIC	1(0.5)	ANALOG SWITCH, SPDT, 1-CHANNEL	Siliconix
SJM302BCA	M38510/11603BCA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM302BCC	M38510/11603BCC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM303BCA	M38510/11604BCA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM303BCC	M38510/11604BCC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SJM304BBCA	M38510/11605BCA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM304BCC	M38510/11605BCC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM304BIA	M38510/11605BIA	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM304BIC	M38510/11605BIC	1(0.5)	ANALOG SWITCH, SPST, 2-CHANNEL	Siliconix
SJM305BCA	M38510/11606BCA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM305BCC	M38510/11606BCC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM305BIA	M38510/11606BIA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM305BIC	M38510/11606BIC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM306BCA	M38510/11607BCA	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM306BCC	M38510/11607BCC	1(0.5)	ANALOG SWITCH, DPST, 2-CHANNEL	Siliconix
SJM307BCA	M38510/11608BCA	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM307BCC	M38510/11608BCC	1(0.5)	ANALOG SWITCH, SPDT, 2-CHANNEL	Siliconix
SJM506BXC	M38510/19001BXC	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL	Siliconix
SJM507BXA	M38510/19003BXA	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	Siliconix
SJM508BEA	M38510/19007BEA	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
SJM508BEC	M38510/19007BEC	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	Siliconix
SJM509BEA	M38510/19008BEA	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL	Siliconix
SJM509BEC	M38510/19008BEC	1(0.5)	ANALOG MULTIPLEXER/DEMULTIPLEXER, 4-CHANNEL	Siliconix
SL54163	M38510/01304BFA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS	Landsdale (QPL)
SMJ320C15-25FJM	5962-8763308Y	1	SIGNAL PROCESSOR, DIGITAL, 6.7 - 25 MHZ	T.I.
SMJ320C15FJM	5962-8763307Y	1	SIGNAL PROCESSOR, DIGITAL, 6.7 - 20 MHZ	T.I.
SMJ320C30GBM25	5962-9052602MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
SMJ320C30GBM25	5962-9052602MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
SMJ320C30GBM28	5962-9052601MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
SMJ320C30GBM28	5962-9052601MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
SMJ320C30GBM33	5962-9052603MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
SMJ320C30HFGM25	5962-9052602MUA	2(2)	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
SMJ320C30HFGM25	5962-9052602MUA	2(2)	DIGITAL SIGNAL PROCESSOR, 25 MHZ	T.I.
SMJ320C30HFGM28	5962-9052601MUA	2(2)	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
SMJ320C30HFGM28	5962-9052601MUA	2(2)	DIGITAL SIGNAL PROCESSOR, 28 MHZ	T.I.
SMJ320C30HFGM33	5962-9052603MUA	2(2)	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
SMJ320C31GFAM27	5962-9205801MXA	2(2)	DIGITAL SIGNAL PROCESSOR, 27 MHZ	T.I.
SMJ320C31GFAM33	5962-9205802MYA	2(2)	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
SMJ320C31HFGM27	5962-9205801MYA	2(2)	DIGITAL SIGNAL PROCESSOR, 27 MHZ	T.I.
SMJ320C31HFGM33	5962-9205802MYA	2(2)	DIGITAL SIGNAL PROCESSOR, 33 MHZ	T.I.
SMJ320C40GFM33	5962-9466901QXA	1(1.5)	DIGITAL SIGNAL PROCESSOR, 33MHZ	T.I.
SMJ320C40GFM40	5962-9466902QXA	1(1.5)	DIGITAL SIGNAL PROCESSOR, 40MHZ	T.I.
SMJ320C40HFHM33	5962-9466901QYA	1(1.5)	DIGITAL SIGNAL PROCESSOR, 33MHZ	T.I.
SMJ320C40HFHM40	5962-9466902QYA	1(1.5)	DIGITAL SIGNAL PROCESSOR, 40MHZ	T.I.
SMJ320C50AGFAM40	5962-9455801QXA	2(2)	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
SMJ320C50AGFAM50	5962-9455802QXA	2(2)	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
SMJ320C50AHFGM40	5962-9455801QYA	2(2)	DIGITAL SIGNAL PROCESSOR, 32-BIT	T.I.
SMJ320C50AHFGM50	5962-9455802QYA	2(2)	DIGITAL SIGNAL PROCESSOR, 32 BIT	T.I.
SMJ34020AGBM32	5962-9162303MXA	2(2)	GRAPHICS SYSTEM PROCESSOR	T.I.
SMJ34020AGBM40	5962-9162304MXA	3	GRAPHICS SYSTEM PROCESSOR	T.I.
SMJ34020AHTM40	5962-9162304MYA	3	GRAPHICS SYSTEM PROCESSOR	T.I.
SN54LS138J	7600501EA	1(1)	DECODER, 3-TO-8-LINE	T.I.
SN54LS190J	7603501EA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE CONTROL	T.I.
SN54LS193J	7600601EA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SN54LS193W	7600601FA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SN54LS251J	7601601EA	1(<2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SN54LS251W	7601601FA	1(<2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54150J	5962-9558001QJA	1	DATA SEL/MULTIPLEXER, 16-INPUT	T.I.
SNJ54150W	5962-9558001QKA	1	DATA SEL/MULTIPLEXER, 16-INPUT	T.I.
SNJ54154J	5962-9558101QJA	1	DECODER, 4-TO-16-LINE	T.I.
SNJ54154W	5962-9558101QKA	1	DECODER, 4-TO-16-LINE	T.I.
SNJ54155J	5962-9558201QEA	1	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54155W	5962-9558201QFA	1	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54166J	5962-9558301QEA	1	SHIFT REGISTER, 8-BIT, PARALLEL	T.I.
SNJ54166W	5962-9558301QFA	1	SHIFT REGISTER, 8-BIT, PARALLEL	T.I.
SNJ54192J	5962-9558401QEA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54192W	5962-9558401QFA	1	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ5432J	5962-9557401QCA	1	OR GATE, QUAD 2-INPUT	T.I.
SNJ5432W	5962-9557401QDA	1	OR GATE, QUAD 2-INPUT	T.I.
SNJ5476J	5962-9557501QEA	1	FLIP-FLOP, JK, DUAL	T.I.
SNJ5476W	5962-9557501QFA	1	FLIP-FLOP, JK, DUAL	T.I.
SNJ54ABT162244WD	5962-9458701QXA	2(2.0)	BUFFER/DRIVER, 16-BIT, NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT16240WD	5962-9319901MXA	2(2)	BUFFER/DRIVER, 16-BIT, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT16240WD	5962-9319901MXA	2(2)	BUFFER/DRIVER, 16-BIT, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ABT16241WD	5962-9450101QXA	1	TTL-COMPATIBLE INPUTS BUFFER/DRIVER, 16-BIT, NON-INVERTING, W/ 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT16244WD	5962-9317401MXA	3(4.0)	BUFFER/DRIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
SNJ54ABT16245WD	5962-9317501MXA	1(1)	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT16260WD	5962-9472801QXA	2	LATCH, D-TYPE, MULTIPLEXED, 12-BIT TO 24-BIT, WITH 3-STATE OUTPUTS, TTL INPUTS	T.I.
SNJ54ABT16373AWD	5962-9320001OXA	1(1)	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS. TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT16374AWD	5962-9320101MXA	3(4.0)	FLIP-FLOP, D-TYPE, 16-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ABT16543WD	5962-9324101MXA	1(1)	TRANSCEIVER, 16-BIT, REGISTERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ART16601WD	5962-9467101QXA	2	DRIVER-RECEIVER (UNIVERSAL TRANSCEIVER) 18-BIT WITH 3-STATE OUTPUTS, TTL INPUTS	T.I.
SNJ54ABT16640WD	5962-9559001QXA	1	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT16646WD	5962-9450201QXA	3	BUS TRANSCEIVER/REGISTER, 16-BIT, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT18245WD	5962-9460101QXA	2	SCAN TEST DEVICE, WITH 18-BIT BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
SNJ54ABT18502HV	5962-9467201QXA	3	SCAN TEST DEVICE, WITH 18-BIT UNIVERSAL BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
SNJ54ABT2240FK	5962-9469701Q2A	1	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
SNJ54ABT2240J	5962-9469701QRA	1	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
SNJ54ABT2240W	5962-9469701QSA	1	BUFFER/DRIVER, OCTAL, W/INVERTING 3-STATE OUTPUTS AND 25 OHM SERIES RESISTORS	T.I.
SNJ54ABT2244FK	5962-9467301Q2A	1(1)	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT2244J	5962-9467301QRA	1(1)	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT2244W	5962-9467301QSA	1(1)	BUFFER/DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT240FK	5962-9318801M2A	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT240J	5962-9318801MRA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT240W	5962-9318801MSA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT241FK	5962-9322701Q2A	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT241J	5962-9322701QRA	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT241W	5962-9322701QSA	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUT, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245AFK	5962-9214802Q2A	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245AJ	5962-9214802QRA	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245AW	5962-9214802QSA	2	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245FK	5962-9214801M2A	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245J	5962-9214801MRA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT245W	5962-9214801MSA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT273FK	5962-9321701Q2A	2(2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT273J	5962-9321701QRA	2(2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT273W	5962-9321701QSA	2(2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT373FK	5962-9321801Q2A	2	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT373J	5962-9321801QRA	2	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT373W	5962-9321801QSA	2	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT374FK	5962-9314901Q2A	2(2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ABT374J	5962-9314901QRA	2 (2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ABT374W	5962-9314901QSA	2 (2.0)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ABT377FK	5962-9314801Q2A		FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT377J	5962-9314801QRA		FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT377W	5962-9314801QSA		FLIP-FLOP, D-TYPE, 8-BIT, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT534FK	5962-9314701Q2A	1	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT534J	5962-9314701QRA	1	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT534W	5962-9314701QSA	1	FLIP-FLOP-, D-TYPE, 8-BIT, WITH THREE STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT541FK	5962-9471801Q2A	1 (1)	BUFFER/DRIVER, OCTAL, NON-INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT541J	5962-9471801QRA	1 (1)	BUFFER/DRIVER, OCTAL, NON-INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT541W	5962-9471801QSA	1 (1)	BUFFER/DRIVER, OCTAL, NON-INVERTING, W/3-STATE OUTPUTS, TTL COMPATIBLE INPUTS	T.I.
SNJ54ABT543AFK	5962-9231402Q3A	1	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
SNJ54ABT543AJT	5962-9231402QLA	1	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
SNJ54ABT543AW	5962-9231402QKA	1	TRANSCEIVER, 8-BIT, LATCHED, WITH DUAL ENABLE AND 3-STATE OUTPUTS	T.I.
SNJ54ABT573FK	5962-9321901Q2A	2	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT573J	5962-9321901QRA	2	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT573W	5962-9321901QSA	2	LATCH, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT574FK	5962-9322001Q2A		FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT574J	5962-9322001QRA		FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT574W	5962-9322001QSA		FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT623AFK	5962-9461801Q2A	3	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT623AJ	5962-9461801QRA	3	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT623AW	5962-9461801QSA	3	BUS TRANSCEIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT646AFK	5962-9457702Q3A	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT646AJT	5962-9457702QLA	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT646AW	5962-9457702QKA	3	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT652AFK	5962-9324202Q3A	2	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT652AJ	5962-9324202QLA	2	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT652AW	5962-9324202QKA	2	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT7819GB	5962-9470401QXA	2	FIFO MEMORY, 512 X 18 X 2, CLOCKED	T.I.
SNJ54ABT821FK	5962-9469101Q3A	1 (1)	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT821JT	5962-9469101QLA	1 (1)	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT821W	5962-9469101QKA	1 (1)	FLIP-FLOP, 10-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT823FK	5962-9450801Q3A	2 (2.0)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT823J	5962-9450801QLA	2 (2.0)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT823W	5962-9450801QKA	2 (2.0)	FLIP-FLOP, 9-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT8245FK	5962-9318601M3A	1 (.5)	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
SNJ54ABT8245JT	5962-9318601MLA	1 (.5)	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ABT827FK	5962-9450901Q3A	1(1)	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT827JT	5962-9450901QLA	1(1)	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT827W	5962-9450901QKA	1(1)	BUS DRIVER, 10-BIT, NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ABT8543FK	5962-9461501Q3A		SCAN TEST DEVICE, WITH OCTAL REGISTERED BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
SNJ54ABT8543JT	5962-9461501QXA		SCAN TEST DEVICE, WITH OCTAL REGISTERED BUS TRANSCEIVER, 3-STATE OUTPUTS	T.I.
SNJ54ABT8646FK	5962-9458601Q3A	3	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
SNJ54ABT8646JT	5962-9458601QXA	3	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
SNJ54ABT8652FK	5962-9461601Q3A	3	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
SNJ54ABT8652JT	5962-9461601QXA	3	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER AND REGISTER, 3-STATE OUTPUTS	T.I.
SNJ54AC11000FK	5962-87549022A	3(4)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54AC11000J	5962-8754902EA	3(4)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54AC11002FK	5962-87612022A	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54AC11002J	5962-8761202EA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54AC11004FK	5962-87609022A	1(.5)	HEX INVERTER	T.I.
SNJ54AC11004J	5962-8760902RA	1(.5)	HEX INVERTER	T.I.
SNJ54AC11010FK	5962-87610022X	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AC11010FK	5962-87610022A	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AC11010J	5962-8761002EA	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AC11032FK	5962-87614022A	1(.5)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54AC11032J	5962-8761402EA	1(.5)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54AC11241FK	5962-87551023A	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54AC11244FK	5962-87552023A	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54AC11244JT	5962-8755202LA	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54AC11373FK	5962-87555023A	1(0)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54AC11520FK	5962-9091602M2A	1(1)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	T.I.
SNJ54AC11520J	5962-9091602MRA	1(1)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	T.I.
SNJ54AC11521FK	5962-9098502M2A	1(1)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	T.I.
SNJ54AC11521J	5962-9098502MRA	1(1)	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE	T.I.
SNJ54ACT11000FK	5962-87699022A	1(1)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11000J	5962-8769902EA	1(1)	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11032FK	5962-89736022A	1(.5)	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11032J	5962-8973602EA	1(.5)	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11074FK	5962-87525022A	1(.5)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11074J	5962-8752502CA	1(.5)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11109FK	5962-88534022A	1(1)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11109J	5962-8853402EA	1(1)	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11240FK	5962-87759023A	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11240JT	5962-8775902LA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11241FK	5962-89847023A	1(0)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11244FK	5962-8776002M3X	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11244FK	5962-8776002M3A	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11244FK	5962-87760023A	1(1)	BUFFER/DRIVER, OCTAL, NONINVERTING, W/3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11245FK	5962-8766302M3A	1(1)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ACT11245JT	5962-8766302MLA	1(1)	BUS TRANSCEIVER, 8-BIT, BIDIRECTIONAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ACT11353FK	5962-9090601M2A	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11353J	5962-9090601MEA	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11373FK	5962-87556023A	1(0)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ACT11373JT	5962-8755602LA	1(0)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11374FK	5962-87631023A	1(1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11374JT	5962-8763102LA	1(1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11534FK	5962-89658023A	1(1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT11534JT	5962-8965802LA	1(1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT16240WD	5962-9201801MXA	2(2.0)	BUS DRIVER, 16-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMP. INPUTS	T.I.
SNJ54ACT16244WD	5962-9202201MXA	2(2.0)	BUS DRIVER, 16-BIT, 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT16245WD	5962-9202301MXA	2(2.0)	BUS TRANSCEIVER, 16-BIT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT16373WD	5962-9202401MXA	3(4.0)	LATCH, D-TYPE, 16-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T.I.
SNJ54ACT16374WD	5962-9202501MXA	3(4.0)	FLIP-FLOP, D-TYPE, 16-BIT, EDGE-TRIGGERED, 3-STATE OUTPUTS	T.I.
SNJ54ACT8997FK	5962-9323901Q3A	1(.5)	SCAN PATH LINKER, WITH 4-BIT IDENTIFICATION BUSES	T.I.
SNJ54ACT8997JT	5962-9323901QXA	1(.5)	SCAN PATH LINKER, WITH 4-BIT IDENTIFICATION BUSES	T.I.
SNJ54ALS00AFK	5962-86833012A	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54ALS00AW	5962-8683301DA	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54ALS02AFK	5962-86844012A	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54ALS02AW	5962-8684401DA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54ALS04BFK	5962-86843012A	2(2)	HEX INVERTER	T.I.
SNJ54ALS04BW	5962-8684301DA	2(2)	HEX INVERTER	T.I.
SNJ54ALS05AFK	5962-88540012A	2(2)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS05AJ	5962-8854001CA	2(2)	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS05AW	5962-8854001D A	2	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS08FK	5962-86842012A	2(2)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54ALS08W	5962-8684201DA	2(2)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54ALS09FK	84142012A	2(2)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS09J	8414201CA	2(2)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS09W	8414201DA	2(2)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS09WA	8414201BA	2(2)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS1034FK	84031012A	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
SNJ54ALS1034J	8403101CA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
SNJ54ALS1034W	8403101DA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
SNJ54ALS1034WA	8403101BA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING	T.I.
SNJ54ALS1035FK	5962-88742012A	2(2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS1035J	5962-8874201CA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS1035W	5962-8874201DA	2(2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS109AFK	84000012A	3(4)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
SNJ54ALS109AJ	8400001EA	3(4)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
SNJ54ALS109AW	8400001FA	3(4)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	T.I.
SNJ54ALS10AFK	5962-86865012A	1(?)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS10AJ	5962-8686501C A	2	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS10AW	5962-8686501DA	1(?)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS112AFK	84000022A	1(1)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
SNJ54ALS112AJ	8400002EA	1(1)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
SNJ54ALS112AW	8400002FA	1(1)	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	T.I.
SNJ54ALS11AFK	5962-86841012A	1(1)	AND GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS11AJ	5962-8684101DA	1(1)	AND GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS1244AFK	5962-88738012A	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS1244AJ	5962-8873801RA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS1245AFK	5962-88737012A	2(2)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS1245AJ	5962-8873701RA	2(2)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS133W	5962-8859001FA	2(2)	NAND GATE, 13-INPUT	T.I.
SNJ54ALS137AFK	5962-9066501M2A	1(0)	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
SNJ54ALS137AJ	5962-9066501MEA	1(0)	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
SNJ54ALS137AW	5962-9066501MFA	1(0)	DECODER, 3-TO-8-LINE, WITH ADDRESS LATCHES	T.I.
SNJ54ALS138AFK	5962-86866012A	2(2)	DECODER/DEMULPLEXER, 3-TO-8-LINE	T.I.
SNJ54ALS138AW	5962-8686601FA	2(2)	DECODER/DEMULPLEXER, 3-TO-8-LINE	T.I.
SNJ54ALS139FK	5962-87683012A	3(4)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54ALS139J	5962-8768301EA	3(4)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54ALS139W	5962-8768301FA	3(4)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54ALS151FK	84141012A	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54ALS151J	8414101EA	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54ALS151W	8414101FA	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54ALS153FK	84141012A	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	RSD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ALS153J	8413401EA	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54ALS153W	8413401FA	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54ALS157AFK	5962-86869012A	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS157AJ	5962-8686901EA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS157AW	5962-8686901FA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS158FK	5962-88625012A	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS158J	5962-8862501EA	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS158W	5962-8862501FA	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54ALS161BFBK	83022012A	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54ALS161BJ	8302201EA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54ALS161BW	8302201FA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54ALS162BFBK	84079012A	2(2)	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS162BJ	8407901EA	2(2)	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS162BW	8407901FA	2(2)	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS163BFBK	83023022A	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS163BJ	8302202EA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS163BW	8302202FA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54ALS165FK	5962-89574012A	3(4)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
SNJ54ALS165J	5962-8957401EA	3(4)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
SNJ54ALS165W	5962-8957401FA	3(4)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
SNJ54ALS169BFBK	83025012A	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54ALS169BJ	8302501EA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54ALS169BW	8302501FA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54ALS174FK	83019012A	2(2)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54ALS174J	8301901EA	2(2)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54ALS174W	8301901FA	2(2)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54ALS175FK	83019022A	2(2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
SNJ54ALS175J	8301902EA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
SNJ54ALS175W	8301902FA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH CLEAR	T.I.
SNJ54ALS191FK	5962-86840012A	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54ALS191J	5962-8684001EA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54ALS191W	5962-8684001FA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54ALS193FK	5962-88698012A	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54ALS193J	5962-8869801EA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54ALS20AW	5962-8858901DA	1(7)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54ALS21AFK	84143012A	2(2)	AND GATE, DUAL 4-INPUT	T.I.
SNJ54ALS21AJ	8414301CA	2(2)	AND GATE, DUAL 4-INPUT	T.I.
SNJ54ALS21AW	8414301DA	2(2)	AND GATE, DUAL 4-INPUT	T.I.
SNJ54ALS240AW	5962-8859101SA	2(2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS243AFK	84013022A	2(2)	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS243AJ	8401302CA	2(2)	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS243AW	8401302DA	2(2)	BUS TRANSCEIVER, QUAD, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS244AFK	5962-86839012A	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS244AW	5962-8683901SA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS245AFK	84030012A	2(2)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS245AJ	8403001RA	2(2)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS245AW	8403001SA	2(2)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS251FK	84135012A	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS251J	8413501EA	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS251W	8413501FA	2(2)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS253FK	85096012A	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS253J	8509601EA	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS253W	8509601FA	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS257FK	85097012A	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS257J	8509701EA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS257W	8509701FA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS258FK	5962-88626012A	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS258J	5962-8862601EA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS258W	5962-8862601FA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS259FK	5962-88741012A	2(2)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54ALS259J	5962-8874101EA	2(2)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54ALS259W	5962-8874101FA	2(2)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54ALS273FK	84136012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54ALS273J	8413601EA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54ALS273W	8413601FA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54ALS277FK	5962-86838012A	1(1)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS277W	5962-8683801DA	1(1)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54ALS29821.TT	5962-90616011A	3(4)	FLIP-FLOP, 10-BIT, BUS INTERFACE, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS299FK	83021012A	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS299J	8302101RA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS299W	8302101SA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ALS30AFK	5962-86837012A	2(2)	WITH 3-STATE OUTPUTS NAND GATE, 8-INPUT	T.I.
SNJ54ALS30AW	5962-8683701DA	2(2)	NAND GATE, 8-INPUT	T.I.
SNJ54ALS323FK	83021022A	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS323J	8302102RA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS323W	8302102SA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS32FK	5962-86836012A	2(2)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54ALS32W	5962-8683601DA	2(2)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54ALS373FK	83020012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
SNJ54ALS373J	8302001RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
SNJ54ALS373W	8302001SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH TRANSPARENT LATCH AND 3-STATE OUTPUTS	T.I.
SNJ54ALS374FK	83020022A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS374J	8302002RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS374W	8302002SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS38BFK	5962-86871012A	1(.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS38BJ	5962-8687101CA	1(.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS38BW	5962-8687101DA	1(.5)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54ALS520FK	5962-88691012A	2(2)	IDENTITY COMPARATOR, 8-BIT	T.I.
SNJ54ALS520J	5962-8869101RA	2(2)	IDENTITY COMPARATOR, 8-BIT	T.I.
SNJ54ALS534FK	5962-88668012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS534J	5962-8866801RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS534W	5962-8866801SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS541FK	5962-89602012A	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS541J	5962-8960201RA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS541W	5962-8960201SA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS561AFK	83022032A	1(<.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS561AJ	8302203RA	1(<.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS561AW	8302203SA	1(<.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS563AFK	5962-88700012A	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS563AJ	5962-8870001RA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS563AW	5962-8870001SA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS564AFK	5962-88728012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS564AJ	5962-8872801RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS564AW	5962-8872801SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS569AFK	83025022A	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS569AJ	8302502RA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS569AW	8302502SA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS573FK	84012012A	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS573J	8401201RA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS573W	8401201SA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS574AFK	84001012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS574AJ	8400101RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS574AW	8400101SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54ALS576AFK	84001022A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS576AJ	8400102RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS576AW	8400102SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS580FK	84012022A	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS580J	8401202RA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS580W	8401202SA	2(2)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS640BFK	5962-88727012A	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS640BJ	5962-8872701RA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54ALS640BW	5962-8872701SA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ALS645AFK	84033012A	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS645AJ	8403301RA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS645AW	8403301SA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS646FK	5962-89956013A	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS646JT	5962-8995601LA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS646W	5962-8995601KA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, NONINVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS648FK	5962-90523013A	2 (2)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS648JT	5962-9052301LA	2 (2)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS648W	5962-9052301KA	2 (2)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS652FK	5962-88673013A	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS652JT	5962-8867301LA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS652W	5962-8867301KA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54ALS653FK	5962-89687013A	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T. I.
SNJ54ALS653JT	5962-8968701LA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T. I.
SNJ54ALS653W	5962-8968701KA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, INVERTING W/3-STATE INPUTS, OPEN-COLL. OUTPUTS	T. I.
SNJ54ALS688FK	5962-88578012A	2 (2)	IDENTITY COMPARATOR, 8-BIT	T. I.
SNJ54ALS688J	5962-8857801RA	2 (2)	IDENTITY COMPARATOR, 8-BIT	T. I.
SNJ54ALS688W	5962-8857801SA	2 (2)	IDENTITY COMPARATOR, 8-BIT	T. I.
SNJ54ALS74AFK	84011012A	2 (2)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T. I.
SNJ54ALS74AJ	8401101CA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T. I.
SNJ54ALS74AW	8401101DA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	T. I.
SNJ54ALS804AFK	5962-88693012A	2 (2)	BUFFER/DRIVER, NAND, HEX 2-INPUT	T. I.
SNJ54ALS804AJ	5962-8869301RA	2 (2)	BUFFER/DRIVER, NAND, HEX 2-INPUT	T. I.
SNJ54ALS804AW	5962-8869301SA	2 (2)	BUFFER/DRIVER, NAND, HEX 2-INPUT	T. I.
SNJ54ALS805AFK	5962-88694012A	1 (1)	BUFFER/DRIVER, NOR, HEX 2-INPUT	T. I.
SNJ54ALS805AJ	5962-8869401RA	1 (1)	BUFFER/DRIVER, NOR, HEX 2-INPUT	T. I.
SNJ54ALS805AW	5962-8869401SA	1 (1)	BUFFER/DRIVER, NOR, HEX 2-INPUT	T. I.
SNJ54ALS832AFK	84145012A	2 (2)	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
SNJ54ALS832AJ	8414501RA	2 (2)	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
SNJ54ALS832AW	8414501SA	2 (2)	BUFFER/DRIVER, OR, HEX 2-INPUT	T. I.
SNJ54ALS857FK	5962-87533013A	1 (1)	DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS857J	5962-8753301LA	1 (1)	DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS86FK	5962-88621012A	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
SNJ54ALS86J	5962-8862101CA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
SNJ54ALS86W	5962-8862101DA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T. I.
SNJ54ALS873FK	84032013A	2 (2)	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS873JT	8403201LA	2 (2)	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS873W	8403201KA	2 (2)	LATCH, D-TYPE, DUAL 4-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS	T. I.
SNJ54ALS874BFK	84010013A	2 (2)	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T. I.
SNJ54ALS874BJT	8401001LA	2 (2)	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T. I.
SNJ54ALS874BW	8401001KA	2 (2)	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND 3-STATE OUTPUTS	T. I.
SNJ54ALS996FK	5962-89945013A	2 (2)	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T. I.
SNJ54ALS996JT	5962-8994501LA	2 (2)	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T. I.
SNJ54ALS996W	5962-8994501KA	2 (2)	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	T. I.
SNJ54AS175AFK	5962-9553701Q2A	2	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T. I.
SNJ54AS175AJ	5962-9553701QEA	2	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T. I.
SNJ54AS175AW	5962-9553701QFA	2	FLIP-FLOP, D-TYPE, QUAD, W/CLEAR	T. I.
SNJ54BCT126FK	5962-9088901M2A	2 (2)	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT126J	5962-9088901MCA	2 (2)	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT126W	5962-9088901MDA	2 (2)	BUS BUFFER, QUAD, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2240FK	5962-9093901M2A	1 (1)	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT2240J	5962-9093901MRA	1 (1)	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT2240W	5962-9093901MSA	1 (1)	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT2244FK	5962-9074101M2A	1 (1)	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2244J	5962-9074101MRA	1 (1)	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54BCT2244W	5962-9074101MSA	1 (1)	BUFFER/LINE/MOS DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT240FK	5962-9074201M2A	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT240J	5962-9074201MRA	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT240W	5962-9074201MSA	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT241FK	5962-9074301M2A	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT241J	5962-9074301MRA	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT241W	5962-9074301MSA	3 (4)	BUFFER/LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT244FK	5962-9062501M2A	3 (4)	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT244J	5962-9062501MRA	1 (0)	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT244W	5962-9062501MSA	3 (4)	LINE DRIVER, OCTAL, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT245FK	5962-9051401M2A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT245J	5962-9051401MRA	1 (0)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT245W	5962-9051401MSA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2827AFK	5962-9074401M3A	3 (4)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2827AJT	5962-9074401MLA	3 (4)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2827AW	5962-9074401MKA	3 (4)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT2828AFK	5962-9074501M3A	2 (2)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT2828AJT	5962-9074501MLA	2 (2)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT2828AW	5962-9074501MKA	2 (2)	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE OUTPUTS	T. I.
SNJ54BCT373FK	5962-9074601M2A	3 (4)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT373J	5962-9074601MRA	3 (4)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT373W	5962-9074601MSA	3 (4)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT374FK	5962-9051601M2A	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT374J	5962-9051601MRA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT374W	5962-9051601MSA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT534FK	5962-9074701M2A	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
SNJ54BCT534J	5962-9074701MRA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
SNJ54BCT534W	5962-9074701MSA	3 (4)	FLIP-FLOP, D-TYPE, 8-BIT, WITH INVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	T. I.
SNJ54BCT540FK	5962-9074801M2A	3 (4)	LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT540J	5962-9074801MRA	3 (4)	LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT540W	5962-9074801MSA	3 (4)	LINE DRIVER, OCTAL, WITH INVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT541FK	5962-9074901M2A	3 (4)	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT541J	5962-9074901MRA	3 (4)	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT541W	5962-9074901MSA	3 (4)	LINE DRIVER, OCTAL, WITH NONINVERTING 3-STATE OUTPUTS	T. I.
SNJ54BCT543FK	5962-9087001M3A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT543JT	5962-9087001MLA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT543W	5962-9087001MKA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT544FK	5962-9155401M3A	3 (4)	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT544JT	5962-9155401MLA	3 (4)	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT544W	5962-9155401MKA	3 (4)	TRANSCEIVER, OCTAL, REGISTERED, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT620AFK	5962-9075001M2A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT620AJ	5962-9075001MRA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT620AW	5962-9075001MSA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT623FK	5962-9094001M2A	3 (4)	BUS TRANSCEIVER, 8-BIT	T. I.
SNJ54BCT623J	5962-9094001MRA	3 (4)	BUS TRANSCEIVER, 8-BIT	T. I.
SNJ54BCT623W	5962-9094001MSA	3 (4)	BUS TRANSCEIVER, 8-BIT	T. I.
SNJ54BCT640FK	5962-9075201M2A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT640J	5962-9075201MRA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT640W	5962-9075201MSA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING OUTPUTS	T. I.
SNJ54BCT646FK	5962-9155501M3A	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT646JT	5962-9155501MLA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT646W	5962-9155501MKA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT648FK	5962-9172401M3A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T. I.
SNJ54BCT648JT	5962-9172401MLA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T. I.
SNJ54BCT648W	5962-9172401MKA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH REGISTERS, THREE-STATE OUTPUTS, TTL-COMPATIBLE	T. I.
SNJ54BCT652FK	5962-9155301M3A	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT652JT	5962-9155301MLA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT652W	5962-9155301MKA	3 (4)	BUS TRANSCEIVER/REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T. I.
SNJ54BCT760FK	5962-9093801M2A	3 (4)	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T. I.
SNJ54BCT760J	5962-9093801MRA	3 (4)	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T. I.
SNJ54BCT760W	5962-9093801MSA	3 (4)	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	T. I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54BCT8240AFK	5962-9174601Q3A	3(4.0)	SCAN TEST DEVICE, WITH OCTAL BUFFER, INVERTING 3-STATE OUTPUTS	T.I.
SNJ54BCT8240AJT	5962-9174601QLA	3(4.0)	SCAN TEST DEVICE, WITH OCTAL BUFFER, INVERTING 3-STATE OUTPUTS	T.I.
SNJ54BCT8244AFK	5962-9172601M3A	2(2.0)	SCAN TEST DEVICE, WITH OCTAL BUFFER, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8244AJT	5962-9172601MLA	2(2.0)	SCAN TEST DEVICE, WITH OCTAL BUFFER, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8245AFK	5962-9172801Q3A	2(2.0)	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8245AJT	5962-9172801QLA	2(2.0)	SCAN TEST DEVICE, WITH OCTAL BUS TRANSCEIVER, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8373AFK	5962-9172501M3A	2(2.0)	SCAN TEST DEVICE, WITH OCTAL D-TYPE LATCH, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8373AJT	5962-9172501MLA	2(2.0)	SCAN TEST DEVICE, WITH OCTAL D-TYPE LATCH, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8374AFK	5962-9172701Q3A	2(2.0)	SCAN TEST DEVICE, WITH OCTAL D-TYPE FLIP FLOP, THREE-STATE OUTPUTS	T.I.
SNJ54BCT8374AJT	5962-9172701QLA	2(2.0)	SCAN TEST DEVICE, WITH OCTAL D-TYPE FLIP-FLOP, THREE-STATE OUTPUTS	T.I.
SNJ54F245FK	85511012A	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54F245J	8551101RA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54F245W	8551101SA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54F27FK	5962-89510012A	2(2)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54F27J	5962-8951001CA	2(2)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54F27W	5962-8951001DA	2(2)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54F30FK	5962-88708012A	2(2)	NAND GATE, 8-INPUT	T.I.
SNJ54F30J	5962-8870801CA	2(2)	NAND GATE, 8-INPUT	T.I.
SNJ54F30W	5962-8870801DA	2(2)	NAND GATE, 8-INPUT	T.I.
SNJ54F541FK	5962-9175301M2A	3(4)	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
SNJ54F541J	5962-9175301MRA	3(4)	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
SNJ54F541W	5962-9175301MSA	3(4)	BUFFER, OCTAL, WITH 3-STATE NONINVERTED OUTPUTS	T.I.
SNJ54F573FK	5962-9173801M2A	3(4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
SNJ54F573J	5962-9173801MRA	3(4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
SNJ54F573W	5962-9173801MSA	3(4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT	T.I.
SNJ54F621FK	5962-90506022A	3(4)	BUS TRANSCEIVER, 8-BIT, WITH MONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54F621J	5962-9050602RA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH MONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54F621W	5962-9050602SA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH MONINVERTING OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54F623FK	5962-90506012A	1(0)	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
SNJ54F623J	5962-9050601RA	1(0)	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
SNJ54F623W	5962-9050601SA	1(0)	BUS TRANSCEIVER, 8-BIT, WITH NONINVERTING 3-STATE OUTPUTS	T.I.
SNJ54FB2031WD	5962-9477301QXA	2	TRANSCEIVER, ADDRESS/DATA, 9-BIT TTL/BTL	T.I.
SNJ54FB2033WD	5962-9457401QXA	2	TRANSCEIVER, 8-BIT TTL/BTL	T.I.
SNJ54HC02FK	84041012A	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54HC02J	8404101CA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54HC02W	8404101DA	1(1)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54HC03FK	5962-87647012A	1(.5)	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC03J	5962-8764701CA	1(.5)	NAND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC04FK	84098012A	1(1.5)	HEX INVERTER	T.I.
SNJ54HC04J	8409801CA	1(1.5)	HEX INVERTER	T.I.
SNJ54HC04W	8409801DA	1(1.5)	HEX INVERTER	T.I.
SNJ54HC05FK	5962-88718012A	1(1)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC05J	5962-8871801CA	1(1)	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC08FK	84047012A	1(1)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54HC08J	8404701CA	1(1)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54HC08W	8404701DA	1(1)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54HC09FK	5962-88620012A	1(.5)	AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC09J	5962-8862001CA	1(.5)	AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	T.I.
SNJ54HC109FK	84150012A	2(2)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54HC109J	8415001EA	2(2)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54HC109W	8415001FA	2(2)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54HC10FK	84038012A	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54HC10J	8403801CA	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54HC10W	8403801DA	1(1)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54HC112J	8408801EA	3(4)	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
SNJ54HC112W	8408801FA	3(4)	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	T.I.
SNJ54HC125FK	5962-87721012A	3(4)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	T.I.
SNJ54HC125J	5962-8772101CA	3(4)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS (LOW ENABLE)	T.I.
SNJ54HC126FK	5962-86848012A	3(4)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC126J	5962-8684801CA	3(4)	BUFFER/DRIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54HC132FK	5962-89845022A	2(2)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54HC132J	5962-8984502CA	2(2)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54HC132W	5962-8984502DA	2(2)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54HC133FK	5962-87723012A	1(1)	NAND GATE, 13-INPUT	T.I.
SNJ54HC133J	5962-8772301EA	1(1)	NAND GATE, 13-INPUT	T.I.
SNJ54HC138FK	84062012A	3(4)	DECODER, 3-TO-8-LINE	T.I.
SNJ54HC138J	8406201EA	3(4)	DECODER, 3-TO-8-LINE	T.I.
SNJ54HC138W	8406201FA	3(4)	DECODER, 3-TO-8-LINE	T.I.
SNJ54HC139FK	84092012A	2(2)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54HC139J	8409201EA	2(2)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54HC139W	8409201FA	2(2)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54HC14FK	84091012A	2(2)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54HC14J	8409101CA	2(2)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54HC14W	8409101DA	2(2)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54HC151FK	84128012A	1(1)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	T.I.
SNJ54HC151J	8412801EA	1(1)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	T.I.
SNJ54HC153FK	84093012A	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54HC153J	8409301EA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54HC153W	8409301FA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54HC161FK	84075012A	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54HC161J	8407501EA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54HC161W	8407501FA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	T.I.
SNJ54HC164FK	84162012A	2(2)	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	T.I.
SNJ54HC164J	8416201CA	2(2)	SHIFT REGISTER, 8-BIT SERIAL-IN, PARALLEL-OUT	T.I.
SNJ54HC165FK	84095012A	1(1)	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
SNJ54HC165J	8409501EA	1(1)	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
SNJ54HC165W	8409501FA	1(1)	SHIFT REGISTER, 8-BIT PARALLEL-IN, SERIAL-OUT	T.I.
SNJ54HC166FK	5962-9050101Q2A	2	SHIFT REGISTER, 8-BIT PAR/SER IN, SER OUT	T.I.
SNJ54HC166J	5962-9050101QEA	2	SHIFT REGISTER, 8-BIT PAR/SER IN, SER OUT	T.I.
SNJ54HC173FK	5962-86825012A	2(2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC173J	5962-8682501EA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC174FK	84073012A	1(1)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54HC174J	8407301EA	1(1)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54HC174W	8407301FA	1(1)	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	T.I.
SNJ54HC175FK	84089012A	2(2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
SNJ54HC175J	8408901EA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
SNJ54HC175W	8408901FA	2(2)	FLIP-FLOP, D-TYPE, 4-BIT	T.I.
SNJ54HC191FK	5962-86891012A	1(.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	T.I.
SNJ54HC191J	5962-8689101EA	1(.5)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	T.I.
SNJ54HC193FK	5962-87724012A	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54HC193J	5962-8772401EA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54HC194J	5962-8682601EA	1(.5)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	T.I.
SNJ54HC195FK	5962-86827012A	1(1)	SHIFT REGISTER, 4-BIT PARALLEL	T.I.
SNJ54HC195J	5962-8682701EA	1(1)	SHIFT REGISTER, 4-BIT PARALLEL	T.I.
SNJ54HC20FK	84039012A	1(1.5)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54HC20J	8403901CA	1(1.5)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54HC20W	8403901DA	1(1.5)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54HC237FK	5962-88606012A	1(.5)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	T.I.
SNJ54HC237J	5962-8860601EA	1(.5)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE, WITH ADDRESS LATCH	T.I.
SNJ54HC238FK	5962-86884012A	1(.5)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
SNJ54HC238J	5962-8688401EA	1(.5)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
SNJ54HC240FK	84074012A	2(2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC240J	8407401RA	2(2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC240W	8407401SA	2(2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC244FK	84096012A	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC244J	8409601RA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC244W	8409601SA	2(2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC245FK	84085012A	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HC245J	8408501RA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HC245W	8408501SA	3(4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HC251FK	85125012A	3(4)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC251J	8512501EA	3(4)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC253FK	5962-88682012A	3(4)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC253J	5962-8868201EA	3(4)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC257FK	85124012A	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC257J	8512401EA	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC259FK	85519012A	1(1)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54HC259J	8551901EA	1(1)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54HC259W	8551901FA	1(1)	LATCH, 8-BIT ADDRESSABLE	T.I.
SNJ54HC273FK	84099012A	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54HC273J	8409901RA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54HC273W	8409901SA	2(2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54HC280FK	86077012A	1(1)	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	T.I.

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APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54HC280J	8607701CA	1 (1)	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	T.I.
SNJ54HC32FK	84045012A	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54HC32J	8404501CA	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54HC32W	8404501DA	2 (2)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54HC365FK	85001012A	1 (1)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC365J	8500101EA	1 (1)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC365W	8500101FA	1 (1)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC366FK	5962-86828012A	1 (1)	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	T.I.
SNJ54HC366J	5962 8682801EA	1 (1)	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND 3-STATE OUTPUTS	T.I.
SNJ54HC367FK	85002012A	2 (2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC367J	8500201EA	2 (2)	BUFFER/DRIVER, HEX, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC368FK	5962-86812012A	3 (4)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC368J	5962-8681201EA	3 (4)	BUFFER/DRIVER, HEX, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC373FK	84072012A	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC373J	8407201RA	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC373W	8407201SA	2 (2)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC374FK	84071012A	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC374J	8407101RA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC374W	8407101SA	2 (2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC377FK	5962-87807012A	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	T.I.
SNJ54HC377J	5962-8780701RA	1 (1)	FLIP-FLOP, D-TYPE, 8-BIT, WITH ENABLE	T.I.
SNJ54HC393FK	84100012A	2 (2)	BINARY COUNTER, DUAL 4-BIT	T.I.
SNJ54HC393J	8410001CA	2 (2)	BINARY COUNTER, DUAL 4-BIT	T.I.
SNJ54HC393W	8410001DA	2 (2)	BINARY COUNTER, DUAL 4-BIT	T.I.
SNJ54HC4002FK	84044012A	2 (2)	NOR GATE, DUAL 4-INPUT	T.I.
SNJ54HC4002J	8404401CA	2 (2)	NOR GATE, DUAL 4-INPUT	T.I.
SNJ54HC4002W	8404401DA	2 (2)	NOR GATE, DUAL 4-INPUT	T.I.
SNJ54HC4020FK	85003012A	2 (2)	BINARY COUNTER, 14-STAGE RIPPLE	T.I.
SNJ54HC4020J	8500301EA	2 (2)	BINARY COUNTER, 14-STAGE RIPPLE	T.I.
SNJ54HC4020W	8500301FA	2 (2)	BINARY COUNTER, 14-STAGE RIPPLE	T.I.
SNJ54HC4024FK	86012012A	1 (.5)	BINARY COUNTER, 7-STAGE RIPPLE	T.I.
SNJ54HC4024J	8601201CA	1 (.5)	BINARY COUNTER, 7-STAGE RIPPLE	T.I.
SNJ54HC4040FK	85004012A	2 (2)	BINARY COUNTER, 12-STAGE RIPPLE	T.I.
SNJ54HC4040J	8500401EA	2 (2)	BINARY COUNTER, 12-STAGE RIPPLE	T.I.
SNJ54HC4040W	8500401FA	2 (2)	BINARY COUNTER, 12-STAGE RIPPLE	T.I.
SNJ54HC4075FK	5962-87722012A	2 (2)	OR GATE, TRIPLE 3-INPUT	T.I.
SNJ54HC4075J	5962-8772201CA	2 (2)	OR GATE, TRIPLE 3-INPUT	T.I.
SNJ54HC42FK	5962-86821012A	2 (2)	DECODER, BCD-TO-DECIMAL	T.I.
SNJ54HC42J	5962-8682101EA	2 (2)	DECODER, BCD-TO-DECIMAL	T.I.
SNJ54HC573AFK	85128012 A	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC573AJ	8512801RA	1 (1)	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC573AW	8512801SA	3	LATCH, D-TYPE, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54HC590AFK	5962-89603012A	1 (1)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54HC590AJ	5962-8960301EA	1 (1)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54HC590AW	5962-8960301FA	1 (1)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54HC595FK	5962-86816012A	1 (1)	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	T.I.
SNJ54HC595J	5962-8681601EA	1 (1)	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	T.I.
SNJ54HC640FK	5962-87809012A	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HC640J	5962-8780901RA	3 (4)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HC688FK	5962-86818012A	1 (1)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54HC688J	5962-8681801RA	1 (1)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54HC74FK	84056012A	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
SNJ54HC74J	8405601CA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
SNJ54HC74W	8405601DA	2 (2)	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	T.I.
SNJ54HC75J	8407001EA	1 (.5)	LATCH, DUAL 2-BIT, TRANSPARENT	T.I.
SNJ54HC75W	8407001FA	1 (.5)	LATCH, DUAL 2-BIT, TRANSPARENT	T.I.
SNJ54HC86FK	84046012A	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
SNJ54HC86J	8404601CA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
SNJ54HC86W	8404601DA	2 (2)	EXCLUSIVE-OR GATE, QUAD 2-INPUT	T.I.
SNJ54HCT04FK	5962-89747012A	1 (1)	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
SNJ54HCT04J	5962-8974701CA	1 (1)	HEX INVERTER, TTL-COMPATIBLE INPUTS	T.I.
SNJ54HCT138J	8550401EA	2 (2)	DECODER, 3-TO-8-LINE	T.I.
SNJ54HCT238FK	5962-89745012A	2 (2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	T.I.
SNJ54HCT238J	5962-8974501EA	2 (2)	DECODER/DEMULTIPLEXER, 3-TO-8-LINE, TTL-COMPATIBLE INPUTS	T.I.
SNJ54HCT240FK	85505012A	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HCT240J	8550501RA	2 (2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HCT244FK	85130012A	1 (1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HCT244J	8513001RA	1 (1)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54HCT245FK	85506012A	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HCT245J	8550601RA	2 (2)	BUS TRANSCEIVER, 8-BIT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54HCT373FK	5962-86867012A	3 (4)	LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54HCT373J	5962-8686701RA	3(4)	TTL-COMPATIBLE INPUTS LATCH, D-TYPE, 8-BIT, TRANSPARENT, WITH 3-STATE OUTPUTS,	T.I.
SNJ54HCT374FK	85507012A	1(1)	TTL-COMPATIBLE INPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE	T.I.
SNJ54HCT374J	8550701RA	1(1)	OUTPUTS FLIP-FLOP, D-TYPE, 8-BIT, WITH NONINVERTING 3-STATE	T.I.
SNJ54LS09FK	80019012A	1(.5)	OUTPUTS	T.I.
SNJ54LS09J	8001901CA	1(.5)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS09W	8001901DA	1(.5)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS123J	7603901EA	1(1)	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS123W	7603901FA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
SNJ54LS132J	7600401CA	1(1)	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	T.I.
SNJ54LS132W	7600401DA	1(1)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54LS136FK	5962-9231901M2A	1(0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54LS136J	5962-9231901MCA	1(0)	EXCLUSIVE-OR GATE, QUAD	T.I.
SNJ54LS136W	5962-9231901MDA	1(0)	EXCLUSIVE-OR GATE, QUAD	T.I.
SNJ54LS138FK	76005012A	1(1)	EXCLUSIVE-OR GATE, QUAD	T.I.
SNJ54LS138W	7600501FA	1(1)	DECODER, 3-TO-8-LINE	T.I.
SNJ54LS139AFK	76007012A	1(1)	DECODER, 3-TO-8-LINE	T.I.
SNJ54LS139AJ	7600701EA	1(1)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54LS139AW	7600701FA	1(1)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54LS145FK	85084012A	1(.5)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54LS145J	8508401EA	1(.5)	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
SNJ54LS145W	8508401FA	1(.5)	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
SNJ54LS148FK	78027012A	1(<2)	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
SNJ54LS148J	7802701EA	1(<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
SNJ54LS148W	7802701FA	1(<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
SNJ54LS151FK	76010012A	1(<2)	PRIORITY ENCODER, 8-LINE-TO-3-LINE	T.I.
SNJ54LS151J	7601001EA	1(<2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54LS151W	7601001FA	1(<2)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54LS153FK	76011012A	1(1)	DATA SEL/MULTIPLEXER, 8-INPUT	T.I.
SNJ54LS153J	7601101EA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54LS153W	7601101FA	1(1)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54LS157FK	76002012A	2(2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54LS157W	7600201FA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54LS158FK	76033012A	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54LS158J	7603301EA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
SNJ54LS158W	7603301FA	1(1)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
SNJ54LS160A	7700901FA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	T.I.
SNJ54LS160AJ	7700901EA	2(2)	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
SNJ54LS161AFK	76008012A	3(4)	DECADE COUNTER, 4-BIT SYNCHRONOUS	T.I.
SNJ54LS161AJ	7600801EA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
SNJ54LS161AW	7600801FA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
SNJ54LS163AJ	7603401EA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS	T.I.
SNJ54LS163AW	7603401FA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54LS165AJ	7700601EA	1(<2)	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	T.I.
SNJ54LS165AW	7700601FA	1(<2)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
SNJ54LS166AJ	8001701EA	1(<2)	SHIFT REGISTER, 8-BIT PARALLEL LOAD	T.I.
SNJ54LS166AW	8001701FA	1(<2)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
SNJ54LS169BJ	8001802EA	3(4)	SHIFT REGISTER, 8-BIT PARALLEL-IN, WITH CLEAR	T.I.
SNJ54LS169BW	8001802FA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54LS169FK	80018022A	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54LS170J	8002501EA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	T.I.
SNJ54LS170W	8002501FA	1(1)	REGISTER FILE, 4 X 4, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS190FK	76035012A	2(2)	REGISTER FILE, 4 X 4, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS190W	7603501FA	2(2)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH MODE	T.I.
SNJ54LS191EK	76009012A	3(4)	CONTROL	T.I.
SNJ54LS191J	7600901EA	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	T.I.
SNJ54LS191W	7600901FA	3(4)	MODE CONTROL	T.I.
SNJ54LS193FK	76006012A	3(4)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP	T.I.
SNJ54LS196FK	77010012A	1(1)	MODE CONTROL	T.I.
SNJ54LS196J	7701001CA	1(1)	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE	T.I.
SNJ54LS196W	7701001DA	1(1)	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	T.I.
SNJ54LS197J	7601501CA	1(1)	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	T.I.
SNJ54LS197W	7601501DA	1(1)	DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ	T.I.
SNJ54LS240FK	78012012A	1(.5)	DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ	T.I.
SNJ54LS240J	7801201RA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
			BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54LS240W	7801201SA	1(.5)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS243W	8002002DA	1(1)	BUS TRANSCEIVER, QUAD, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS244J	7705701RA	1(.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS244W	7705701SA	1(.5)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS245FK	80021012A	1(1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS245W	8002101SA	1(1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS253J	7601701EA	1(<2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS253W	7601701FA	1(<2)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS257BJ	7603701EA	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
SNJ54LS257BW	7603701FA	3(4)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND 3-STATE OUTPUTS	T.I.
SNJ54LS258BPK	76038012A	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
SNJ54LS258BW	7603801FA	2(2)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, WITH ENABLE	T.I.
SNJ54LS26J	7602001CA	1(<2)	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS26W	7602001DA	1(<2)	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS273FK	78010012A	1(<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54LS273J	7801001RA	1(<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54LS273W	7801001SA	1(<2)	FLIP-FLOP, D-TYPE, 8-BIT, WITH CLEAR	T.I.
SNJ54LS279AFK	76018012A	1(.5)	LATCH, RS, 4-BIT	T.I.
SNJ54LS279AJ	7601801EA	1(.5)	LATCH, RS, 4-BIT	T.I.
SNJ54LS279AW	7601801FA	1(.5)	LATCH, RS, 4-BIT	T.I.
SNJ54LS283FK	76043012A	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
SNJ54LS283J	7604301EA	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
SNJ54LS283W	7604301FA	1(.5)	ADDER, 4-BIT FULL, WITH FAST CARRY	T.I.
SNJ54LS283FK	85126022A	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
SNJ54LS283J	85126022A	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
SNJ54LS283W	85126022A	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
SNJ54LS28J	8512602CA	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
SNJ54LS28W	8512602DA	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT	T.I.
SNJ54LS298J	7601901EA	1(.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	T.I.
SNJ54LS298W	7601901FA	1(.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	T.I.
SNJ54LS299FK	78024012A	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
SNJ54LS299J	7802401RA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
SNJ54LS299W	7802401SA	1(.5)	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	T.I.
SNJ54LS333FK	85126012A	1(.5)	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS33J	8512601CA	1(.5)	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS33W	8512601DA	1(.5)	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS378FK	5962-89925012A	1(.5)	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
SNJ54LS378J	5962-8992501EA	1(.5)	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
SNJ54LS378W	5962-8992501FA	1(.5)	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	T.I.
SNJ54LS390J	7802601EA	1(.5)	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
SNJ54LS390W	7802601FA	1(.5)	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	T.I.
SNJ54LS396FK	5962-90503012A	1(.5)	STORAGE REGISTER, OCTAL, LOW-POWER	T.I.
SNJ54LS396J	5962-9050301EA	1(.5)	STORAGE REGISTER, OCTAL, LOW-POWER	T.I.
SNJ54LS399FK	84154012A	1(.5)	REGISTER, QUAD 2-PORT	T.I.
SNJ54LS399J	8415401EA	1(.5)	REGISTER, QUAD 2-PORT	T.I.
SNJ54LS399W	8415401FA	1(.5)	REGISTER, QUAD 2-PORT	T.I.
SNJ54LS422FK	76031012A	1(1)	DECODER, BCD-TO-DECIMAL	T.I.
SNJ54LS422J	7603101EA	1(1)	DECODER, BCD-TO-DECIMAL	T.I.
SNJ54LS422W	7603101FA	1(1)	DECODER, BCD-TO-DECIMAL	T.I.
SNJ54LS47J	7604501EA	1(<2)	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS47W	7604501FA	1(<2)	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	T.I.
SNJ54LS540FK	84155012A	1(<2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS540W	8415501SA	1(<2)	BUFFER/DRIVER, OCTAL, INVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS541FK	84156012A	1(<2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS541W	8415601SA	1(<2)	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS590FK	5962-87517012A	1(<.5)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54LS590J	5962-8751701EA	1(<.5)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54LS590W	5962-8751701FA	1(<.5)	BINARY COUNTER, 8-BIT, WITH 3-STATE OUTPUT REGISTERS	T.I.
SNJ54LS592FK	5962-87621012A	1(.5)	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
SNJ54LS592J	5962-8762101EA	1(.5)	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
SNJ54LS592W	5962-8762101FA	1(.5)	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	T.I.
SNJ54LS595FK	5962-86717012A	1(.5)	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS595J	5962-8671701EA	1(.5)	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS595W	5962-8671701FA	1(.5)	SHIFT REGISTER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS598FK	5962-89756012A	1(0)	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54LS598J	5962-8975601RA	1(0)	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.
SNJ54LS598W	5962-8975601SA	1(0)	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	T.I.
SNJ54LS628FK	5962-9204601M2A	0(0)	VOLT. CONTROLLED OSCILLATOR	T.I.
SNJ54LS628FK	5962-9204601M2A	1(0)	VOLT. CONTROLLED OSCILLATOR	T.I.
SNJ54LS628J	5962-9204601MCA	0(0)	VOLT. CONTROLLED OSCILLATOR	T.I.
SNJ54LS628J	5962-9204601MCA	1(0)	VOLT. CONTROLLED OSCILLATOR	T.I.
SNJ54LS629FK	81021012A	1(<.5)	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
SNJ54LS629J	8102101EA	1(<.5)	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
SNJ54LS629W	8102101FA	1(<.5)	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	T.I.
SNJ54LS640FK	84161012A	1(1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS640J	8416101RA	1(1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS640W	8416101SA	1(1)	BUS TRANSCEIVER, 8-BIT, WITH 3-STATE OUTPUTS	T.I.
SNJ54LS670J	7704201EA	1(1)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	T.I.
SNJ54LS670W	7704201FA	1(1)	REGISTER FILE, 4 X 4, 3-STATE OUTPUTS	T.I.
SNJ54LS673FK	5962-88602013A	3(4)	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL OUT WITH 16 BIT PARALLEL-OUT STORAGE	T.I.
SNJ54LS673J	5962-8860201JA	3(4)	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
SNJ54LS673JT	5962-8860201LA	3(4)	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
SNJ54LS673W	5962-8860201KA	3(4)	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	T.I.
SNJ54LS674FK	5962-88607013A	1(1)	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
SNJ54LS674J	5962-8860701JA	1(1)	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
SNJ54LS674JT	5962-8860701LA	1(1)	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
SNJ54LS674W	5962-8860701KA	1(1)	SHIFT REGISTER, 16-BIT PAR. TO SER.	T.I.
SNJ54LS682FK	84151012A	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS682J	8415101RA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS682W	8415101SA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS684FK	84152012A	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS684J	8415201RA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS684W	8415201SA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT	T.I.
SNJ54LS688FK	84153012A	1(.5)	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T.I.
SNJ54LS688J	8415301RA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T.I.
SNJ54LS688W	8415301SA	1(.5)	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	T.I.
SNJ54LS75J	7601201EA	1(1)	LATCH, 4-BIT, BISTABLE	T.I.
SNJ54LS75W	7601201FA	1(1)	LATCH, 4-BIT, BISTABLE	T.I.
SNJ54LS90J	7603201CA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
SNJ54LS90W	7603201DA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
SNJ54LS93J	7700101CA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
SNJ54LS93W	7700101DA	1(<2)	DECADE COUNTER, 4-BIT	T.I.
SNJ54S138FK	76041012A	1(<2)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
SNJ54S138J	7604101EA	1(<2)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
SNJ54S138W	7604101FA	1(<2)	DECODER/DEMUTIPLEXER, 3-TO-8-LINE	T.I.
SNJ54S139J	7700401EA	1(1)	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	T.I.
SNJ54S139W	7700401FA	1(1)	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	T.I.
SNJ54S194J	7604001EA	1(<.5)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
SNJ54S194W	7604001FA	1(<.5)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
SNJ54S251FK	80022012A	1(<.5)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54S251J	8002201EA	1(<.5)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54S251W	8002201FA	1(<.5)	DATA SEL/MULTIPLEXER, 8-INPUT, WITH 3-STATE OUTPUTS	T.I.
SNJ54S258J	8002301EA	1(.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ54S258W	8002301FA	1(.5)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTING 3-STATE OUTPUTS	T.I.
SNJ55109AFK	5962-87547022A	1()	LINE DRIVER, DUAL	T.I.
SNJ55109AJ	5962-8754702CA	1()	LINE DRIVER, DUAL	T.I.
SNJ55109AW	5962-8754702DA	1()	LINE DRIVER, DUAL	T.I.
SNJ55110AFK	5962-87547012A	3(4)	LINE DRIVER, DUAL	T.I.
SNJ55110AJ	5962-8754701CA	3(4)	LINE DRIVER, DUAL	T.I.
SNJ55110AW	5962-8754701DA	3(4)	LINE DRIVER, DUAL	T.I.
SNJ55113FK	5962-88744012A	3(4)	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55113W	5962-8874401FA	3(4.0)	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55114FK	5962-88744022A	2(2)	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55114W	5962-8874402FA	2(2.0)	LINE DRIVER, DUAL DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55115FK	5962-88745012A	1(1)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55116FK	5962-88511012A	1(.5)	LINE TRANSCEIVER, DIFFERENTIAL, WITH 3-STATE RECEIVER OUTPUT CIRCUITRY	T.I.
SNJ55116J	5962-8851101EA	1(.5)	LINE TRANSCEIVER, DIFFERENTIAL, WITH 3-STATE RECEIVER OUTPUT CIRCUITRY	T.I.
SNJ55121FK	5962-87769012A	2(2)	LINE DRIVER, DUAL	T.I.
SNJ55121J	5962-8776901EA	2(2)	LINE DRIVER, DUAL	T.I.
SNJ55182FK	79008012A	1(.5)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.

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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ55182J	7900801CA	1(.5)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55182W	7900801DA	1(.5)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55183FK	79009012A	2(2)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55183J	7900901CA	2(2)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55183W	7900901DA	2(2)	LINE RECEIVER, DUAL DIFFERENTIAL	T.I.
SNJ55188FK	5962-86889012A	1(1)	LINE DRIVER, QUAD	T.I.
SNJ55188J	5962-8688901CA	1(1)	LINE DRIVER, QUAD	T.I.
SNJ55188W	5962-8688901DA	1(1)	LINE DRIVER, QUAD	T.I.
SNJ55189AFK	5962-86888022A	1(1)	LINE RECEIVER, QUAD	T.I.
SNJ55189AJ	5962-8688802CA	1(1)	LINE RECEIVER, QUAD	T.I.
SNJ55189AW	5962-8688802DA	1(1)	LINE RECEIVER, QUAD	T.I.
SNJ55451BFK	77049022A	2(2)	PERIPHERAL DRIVER, DUAL AND	T.I.
SNJ55451BJG	7704902PA	2(2)	PERIPHERAL DRIVER, DUAL AND	T.I.
SNJ55452BFK	77049012A	3(4)	PERIPHERAL DRIVER, DUAL NAND	T.I.
SNJ55452BJG	7704901PA	3(4)	PERIPHERAL DRIVER, DUAL NAND	T.I.
SNJ55ALS056J	5962-9062801RA	1(0)	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
SNJ55ALS056W	5962-9062801SA	1(0)	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
SNJ55ALS057FK	5962-90629012A	1(0)	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
SNJ55ALS057J	5962-9062901RA	1(0)	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
SNJ55ALS057W	5962-9062901SA	1(0)	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	T.I.
SNJ55ALS160FK	5962-89680012A	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS160J	5962-8968001RA	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS160W	5962-8968001SA	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS161FK	5962-89681012A	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS161J	5962-8968101RA	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS161W	5962-8968101SA	2(2)	BUS TRANSCEIVER, 8-BIT, GENERAL PURPOSE INTERFACE	T.I.
SNJ55ALS194FK	5962-88648012A	2(2)	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55ALS194J	5962-8864801EA	2(2)	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55ALS194W	5962-8864801FA	2	LINE DRIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55ALS195FK	5962-88649012A	1(.5)	LINE RECEIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55ALS195J	5962-8864901EA	1(.5)	LINE RECEIVER, QUAD DIFFERENTIAL, WITH 3-STATE OUTPUTS	T.I.
SNJ55LBC172FK	5962-9076503Q2A	2	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
SNJ55LBC172J	5962-9076503QEA	2	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
SNJ55LBC173FK	5962-9076604Q2A	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC173J	5962-9076604QEA	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC173W	5962-9076604QFA	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC174FK	5962-9076504Q2A	2	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
SNJ55LBC174J	5962-9076504QEA	2	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE, LOW POWER	T.I.
SNJ55LBC175FK	5962-9076603Q2A	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC175J	5962-9076603QEA	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC175W	5962-9076603QFA	1(1)	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	T.I.
SNJ55LBC176FK	5962-9318301Q2A	2	BUS TRANSCEIVER, DIFFERENTIAL	T.I.
SNJ55LBC176JG	5962-9318301QPA	2	BUS TRANSCEIVER, DIFFERENTIAL	T.I.
ST12154	5962H93A0501QXC	2	ASIC, DATA COMPRESSION CHIP	Honeywell
ST12155-E01060FR	5962R93A0601QYC	2	BUS INTERFACE UNIT	Honeywell
ST12156	5962H93A0701VYC	2	ASIC, REACTION WHEEL ASSEMBLY	Honeywell
ST12158	5962H93A0901VYC	2	ASIC, REED SOLOMON DOWN LINK	Honeywell
ST12169	5962H93A1101VYC	2	ASIC, SOLID STATE RECORDER INTERFACE UNIT	Honeywell
ST12171-E01060FR	5962R93A1201VYC	2	POWER DISTRIBUTION ASSEMBLY	Honeywell
ST12237	5962H93A1301VYC	2	ASIC, CROSS STRAP BUS ADAPTER	Honeywell
TGC1000	5962-94B0510QNA		CUSTOM GATE ARRAY, 113K GATES	T.I.
TGC1000	5962-94B0510QMA		CUSTOM GATE ARRAY, 113K GATES	T.I.
TGC1000	5962-94B0510QYA		CUSTOM GATE ARRAY, 113K GATES	T.I.
TGC1000	5962-94B0511OMA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QUA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QXA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QZA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QTA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QNA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0511QYA		CUSTOM GATE ARRAY, 154K GATES	T.I.
TGC1000	5962-94B0512QZA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QUA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QYA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QMA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QNA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QXA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0512QTA		CUSTOM GATE ARRAY, 191K GATES	T.I.
TGC1000	5962-94B0513QXA		CUSTOM GATE ARRAY, 245K GATES	T.I.
TGC1000	5962-94B0513QYA		CUSTOM GATE ARRAY, 245K GATES	T.I.

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TIBPAL20R4-10MWB	5962-8767118KA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R4-20MFDB	5962-87671043A	1(0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R4-20MJTB	5962-8767104LA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R4-20MWB	5962-8767104KA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 4-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-10MFKB	5962-87671173A	2(2)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-10MJTB	5962-8767117LA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-10MWB	5962-8767117KA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-20MFDB	5962-87671033A	1(0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-20MJTB	5962-8767103LA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R6-20MWB	5962-8767103KA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 6-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-10MFKB	5962-87671163A	2(2)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-10MJTB	5962-8767116LA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-10MWB	5962-8767116KA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-20MFDB	5962-87671023A	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-20MJTB	5962-8767102LA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-20MWB	5962-8767102KA	1(0)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL20R8-7MFKB	5962-87671193A	2(2)	PROG. LOGIC DEVICE	T.I.
TIBPAL20R8-7MJTB	5962-8767119LA	2(2)	PROG. LOGIC DEVICE	T.I.
TIBPAL20R8-7MWB	5962-8767119KA	2(2)	PROG. LOGIC DEVICE	T.I.
TIBPAL22V10-20MJTB	5962-8605304LA	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22V10-20MFKB	5962-86053043A	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22V10-20MWB	5962-8605304KA	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22V10AMFKB	5962-86053013A	2(2)	PROG. LOGIC DEVICE, 22-INPUT 10-OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22VP10-25MWB	5962-8605303KA	1(0)	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22VP1025MFKB	5962-86053033A	1(0)	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
TIBPAL22VP1025MJTB	5962-8605303LA	1(0)	PROG. LOGIC DEVICE, 22-INPUT 10 OUTPUT REGISTERED AND-OR	T.I.
TIBPSSL20L8-10MJTB	5962-8767115LA	2(2)	PROG. LOGIC DEVICE, 20-INPUT 8-OUTPUT AND-OR INVERT	T.I.
TL-SCSI285MFKB	5962-9473201Q2A	3	VOLT. REGULATOR, FIXED, POSITIVE, 2.85V	T.I.
TL-SCSI285MJB	5962-9473201OCA	3	VOLT. REGULATOR, FIXED, POSITIVE, 2.85V	T.I.
TL027	84185032A	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
TL027	8418503CA	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
TL031MFKB	5962-9086101Q2A	1	OP AMP, JFET, LOW-POWER	T.I.
TL031MJGB	5962-9086101QPA	1	OP AMP, JFET, LOW-POWER	T.I.
TL032MFKB	5962-9086102Q2A	1	OP AMP, JFET, LOW-POWER	T.I.
TL032MJGB	5962-9086102QPA	1	OP AMP, JFET, LOW-POWER	T.I.
TL034MFKB	5962-9086103Q2A	1	OP AMP, JFET, LOW-POWER	T.I.
TL052AMFKB	5962-9472601Q2A	2(2.0)	OP AMP, DUAL, PRECISION, JFET	T.I.
TL052AMJGB	5962-9472601QPA	2(2.0)	OP AMP, DUAL, PRECISION, JFET	T.I.
TL061MFKB	81023012A	1(.5)	OP AMP, BIFET, LOW-POWER	T.I.
TL061MJGB	8102301PA	1(.5)	OP AMP, BIFET, LOW-POWER	T.I.
TL061MUB	8102301HA	1(.5)	OP AMP, BIFET, LOW-POWER	T.I.
TL062MFKB	81023022A	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL062MJGB	8102302PA	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL062MUB	8102302HA	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL064MFKB	81023032A	2(2)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL064MJTB	8102303CA	2(2)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL064MWB	8102303DA	2(2)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL071MFKB	81023042A	1(0)	OP AMP, BIFET, LOW-POWER	T.I.
TL071MJGB	8102304PA	1(0)	OP AMP, BIFET, LOW-POWER	T.I.
TL071MUB	8102304HA	1(0)	OP AMP, BIFET, LOW-POWER	T.I.
TL072	M38510/11905BPA	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL072MFKB	81023052A	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL072MJGB	8102305PA	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL072MUB	8102305HA	2(2)	OP AMP, DUAL, BI-FET, LOW POWER	T.I.
TL074	M38510/11906BCA	1(0)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL074MFKB	81023062A	1(<1)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL074MJTB	8102306CA	1(<1)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL074MWB	8102306DA	1(<1)	OP AMP, QUAD, BIFET, LOW-POWER	T.I.
TL431MFKB	84109012A	3(4)	VOLT. REFERENCE, PROGRAMMABLE	T.I.
TL431MJGB	8410901PA	3(4)	VOLT. REFERENCE, PROGRAMMABLE	T.I.
TL441	5962-9176301QEA	1(<.5)	AMPLIFIER, LOGARITHMIC	T.I.
TL7702AMFKB	5962-88685022A	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7702AMJGB	5962-8868502PA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7702BMFKB	5962-88685042A	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7702BMJGB	5962-8868504PA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7702BMUB	5962-0060504HA	3	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705AMFKB	5962-88685012A	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705AMJGB	5962-8868501PA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705BMFKB	5962-88685032A	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705BMJGB	5962-88685052A	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705BMUB	5962-8868503PA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
TL7705BMJGB	5962-8868505PA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705BMJUB	5962-8868503HA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7705BMJUB	5962-8868505HA	3(4)	SUPPLY VOLTAGE SUPERVISOR	T.I.
TL7770-12MFKB	5962-9093202M2A	3(4)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770-12MJTB	5962-9093202MEA	3(4)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770-15	5962-9093203MA	1(1)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770-15MFKB	5962-9093203M2A	1(1)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770-15MJTB	5962-9093203MEA	1(1)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770-5MFKB	5962-9093201M2A	3(4)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TL7770 5MJTB	5962 9093201MEA	3(4)	POWER SUPPLY SUPERVISOR, DUAL	T.I.
TLC139MDQ	5962-9555001NXD	1	COMPARATOR, QUAD MICROPOWER	T.I.
TLC139MFKB	5962-87659022A	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
TLC139MJTB	5962-8765902CA	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
TLC1541MFKB	5962-9064201Q2A	0	A/D CONVERTER, 10-BIT	T.I.
TLC1541MJTB	5962-9064201QRA	0	A/D CONVERTER, 10-BIT	T.I.
TLC1542MFKB	5962-9064202Q2A	2	A/D CONVERTER, 10-BIT	T.I.
TLC1542MJTB	5962-9064202QRA	2	A/D CONVERTER, 10-BIT	T.I.
TLC2064BMFKB	5962-9080903Q2A	1	OP AMP, QUAD, FET	T.I.
TLC2064BMJTB	5962-9080903QCA	1	OP AMP, QUAD, FET	T.I.
TLC2201AMFKB	5962-9088203Q2A	3	OP AMP, PRECISION	T.I.
TLC2201AMJTB	5962-9088203Q2A	3	OP AMP, PRECISION	T.I.
TLC2201AMJGB	5962-9088203QPA	3	OP AMP, PRECISION	T.I.
TLC2201AMJGB	5962-9088203QPA	3	OP AMP, PRECISION	T.I.
TLC2201MFKB	5962-9088201M2A	3(4)	OP AMP, LOW-PRECISION, SINGLE	T.I.
TLC2201MJGB	5962-9088201MPA	3(4)	OP AMP, LOW-PRECISION, SINGLE	T.I.
TLC2202AMFKB	5962-9088204Q2A	3	OP AMP, PRECISION	T.I.
TLC2202AMJGB	5962-9088204QPA	3	OP AMP, PRECISION	T.I.
TLC2202AMJGB	5962-9088204QPA	3	OP AMP, PRECISION	T.I.
TLC2202MFKB	5962-9088202M2A	3(4)	OP AMP, DUAL, LOW-PRECISION	T.I.
TLC2202MJGB	5962-9088202MPA	3(4)	OP AMP, DUAL, LOW-PRECISION	T.I.
TLC2252MFKB	5962-9564001Q2A	2	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2252MJTB	5962-9564001QHA	2	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2252MJGB	5962-9564001QPA	2	OP AMP, DUAL, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2254MFKB	5962-9564002Q2A	2	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2254MJTB	5962-9564002QCA	2	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2254MWB	5962-9564002QDA	2	OP AMP, QUAD, VERY LOW POWER, RAIL-TO-RAIL	T.I.
TLC2262MFKB	5962-9469201Q2A	3(4.0)	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLC2262MJGB	5962-9469201QPA	3(4.0)	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLC2262MUB	5962-9469201QHA	3(4.0)	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLC2264MFKB	5962-9469202Q2A	3(4.0)	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TLC2264MJTB	5962-9469202QCA	3(4.0)	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TLC2264MWB	5962-9469202QDA	3(4.0)	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TLC2272MFKB	5962-9555201Q2A	3	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
TLC2272MJGB	5962-9555201QPA	3	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
TLC2272MUB	5962-9555201QHA	3	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
TLC2652AMFKB	5962-9089503M2A	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2652AMJTB	5962-9089503MCA	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2652AMJGB	5962-9089503MPA	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2652MFKB	5962-9089501M2A	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2652MJTB	5962-9089501MCA	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2652MJGB	5962-9089501MPA	3(4)	OP AMP, PRECISION CHOPPER-STABILIZED	T.I.
TLC2654MFKB	5962-9089502M2A	3(4)	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
TLC2654MJTB	5962-9089502MCA	3(4)	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
TLC2654MJGB	5962-9089502MPA	3(4)	OP AMP, LOW-NOISE CHOPPER-STABILIZED	T.I.
TLC272MFKB	5962-89494012A	1(0)	OP AMP, DUAL PRECISION	T.I.
TLC272MJGB	5962-8949401PA	1(0)	OP AMP, DUAL PRECISION	T.I.
TLC272MUB	5962-8949401HA	1(0)	OP AMP, DUAL PRECISION	T.I.
TLC274MFKB	5962-90604012A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC274MJTB	5962-9060401CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC274MWB	5962-9060401DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC277MFKB	5962-89494022A	1(.5)	OP AMP, DUAL PRECISION	T.I.
TLC277MJGB	5962-8949402PA	1(.5)	OP AMP, DUAL PRECISION	T.I.
TLC277MUB	5962-8949402HA	1(.5)	OP AMP, DUAL PRECISION	T.I.
TLC279MFKB	5962-90604022A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC279MJTB	5962-9060402CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC279MWB	5962-9060402DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L2MFKB	5962-89494032A	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
TLC27L2MJGB	5962-8949403PA	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
TLC27L2MUB	5962-8949403HA	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
TLC27L4MFKB	5962-90604052A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L4MJTB	5962-9060405CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L4MWB	5962-9060405DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L7MFKB	5962-89494042A	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.

TABLE II
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MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
TLC27L7MJGB	5962-8949404PA	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
TLC27L7MUB	5962-8949404HA	1(0)	OP AMP, DUAL PRECISION, LOW-POWER	T.I.
TLC27L9MFKB	5962-90604062A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L9MJB	5962-9060406CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27L9MWB	5962-9060406DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M2MFKB	5962-89494052A	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M2MJGB	5962-8949405PA	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M2MUB	5962-8949405HA	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M4MFKB	5962-90604032A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M4MJB	5962-9060403CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M4MWB	5962-9060403DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M7MFKB	5962-89494062A	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M7MJGB	5962-8949406PA	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M7MUB	5962-8949406HA	1(0)	OP AMP, DUAL PRECISION, MEDIUM-POWER	T.I.
TLC27M9MFKB	5962-90604042A	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M9MJB	5962-9060404CA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC27M9MWB	5962-9060404DA	1(0)	OP AMP, QUAD, PRECISION	T.I.
TLC32040	5962-9086301M3A	1(.5)	INTERFACE CIRCUIT, ANALOG	T.I.
TLC32040	5962-9086301MA	1(.5)	INTERFACE CIRCUIT, ANALOG	T.I.
TLC32040	5962-9086301MXA	1(.5)	INTERFACE CIRCUIT, ANALOG	T.I.
TLC32044MFKB	5962-9086302M3A	1(.5)	INTERFACE CIRCUIT, ANALOG, VOICE-BAND	T.I.
TLC32044MJB	5962-9086302MXA	1(.5)	INTERFACE CIRCUIT, ANALOG, VOICE-BAND	T.I.
TLC32046MFKB	5962-9086303M3A	2(2.0)	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
TLC32046MFKB	5962-9086303M3A	3(4)	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
TLC32046MJB	5962-9086303MXA	2(2.0)	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
TLC32046MJB	5962-9086303MXA	3(4)	INTERFACE CIRCUIT, ANALOG, WIDE-BAND	T.I.
TLC34076-135MGA	5962-9474801QXA	1	D/A CONVERTER, TRIPLE 8-BIT, WITH 256 WORD COLOR PALETTE RAM, 135 MHZ	T.I.
TLC3704MFKB	5962-9096901M2A	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL, LOW-POWER	T.I.
TLC3704MJB	5962-9096901MCA	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL, LOW-POWER	T.I.
TLC372MDQ	5962-9554901NXD	1	COMPARATORS, DUAL DIFFERENTIAL	T.I.
TLC372MFKB	5962-87658012A	1(.5)	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
TLC372MJGB	5962-8765801PA	1(.5)	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T.I.
TLC374MFKB	5962-87659012A	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
TLC374MJB	5962-8765901CA	1(.5)	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T.I.
TLC548MFKB	5962-9084501M2A	2(2)	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 2.048 MHZ	T.I.
TLC548MJGB	5962-9084501MPA	2(2)	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 2.048 MHZ	T.I.
TLC549MFKB	5962-9084502M2A	3(4)	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 1.1 MHZ	T.I.
TLC549MJGB	5962-9084502MPA	3(4)	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 1.1 MHZ	T.I.
TLC555MFKB	5962-89503012A	1(0)	TIMER, PRECISION	T.I.
TLC555MJGB	5962-8950301PA	1(0)	TIMER, PRECISION	T.I.
TLC556MFKB	5962-89503022A	1(0)	TIMER, DUAL PRECISION	T.I.
TLC556MJB	5962-8950302CA	1(0)	TIMER, DUAL PRECISION	T.I.
TLC5602MFKB	5962-9469301Q2A	1	D/A CONVERTER, 8-BIT, VIDEO, HIGH SPEED, LOW POWER	T.I.
TLC5602MJB	5962-9469301QRA	1	D/A CONVERTER, 8-BIT, VIDEO, HIGH SPEED, LOW POWER	T.I.
TLE034MJB	5962-9086103QCA	1	OP AMP, JFET, LOW-POWER	T.I.
TLE2021MFKB	5962-9088101M2A	1(.5)	OP AMP, HIGH-SPEED, LOW-POWER	T.I.
TLE2021MJGB	5962-9088101MPA	1(.5)	OP AMP, HIGH-SPEED, LOW-POWER	T.I.
TLE2022MFKB	5962-9088102M2A	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-POWER	T.I.
TLE2022MJGB	5962-9088102MPA	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-POWER	T.I.
TLE2024MFKB	5962-9088103M2A	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-POWER	T.I.
TLE2024MJB	5962-9088103MCA	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-POWER	T.I.
TLE2027MFKB	5962-9089601M2A	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
TLE2027MJGB	5962-9089601MPA	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION	T.I.
TLE2037MFKB	5962-9089602M2A	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION, UNCOMPENSATED	T.I.
TLE2037MJGB	5962-9089602MPA	3(4)	OP AMP, HIGH-SPEED, LOW-NOISE, PRECISION, UNCOMPENSATED	T.I.
TLE2061	5962-9080701MHA	1(1)	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2061	5962-9080701MHA	1(1)	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2061MFKB	5962-9080701M2A	1(1)	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2061MJGB	5962-9080701MPA	1(1)	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2062MFKB	5962-9080801M2A	1(.5)	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2062MJGB	5962-9080801MPA	1(.5)	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2062MUB	5962-9080801MHA	1(1)	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064AMFKB	5962-9080902M2A	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064AMJB	5962-9080902MCA	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064AMWB	5962-9080902MDA	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064BMFKB	5962-9080903Q2A	1	OP AMP, QUAD, FET	T.I.
TLE2064DMJB	5962-9080903QCA	1	OP AMP, QUAD, FET	T.I.
TLE2064MFKB	5962-9080901M2A	1(1)	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064MJB	5962-9080901MCA	1(1)	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064MWB	5962-9080901MDA	1(1)	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064MWB	5962-9080901MDA	1(1)	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064ZAMFKB	5962-9080902M2A	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.

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MANUFACTURER SIMILAR PART NUMBER 1/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
TLE2064ZAMJB	5962-9080902MCA	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2064ZAMWB	5962-9080902MDA	1	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	T.I.
TLE2071MFKB	5962-9460201Q2A	1	OP AMP, JFET-INPUT	T.I.
TLE2071MJGB	5962-9460201QPA	1	OP AMP, JFET-INPUT	T.I.
TLE2072MFKB	5962-9460202Q2A	1	OP AMP, DUAL, JFET-INPUT	T.I.
TLE2072MJGB	5962-9460202QPA	1	OP AMP, DUAL, JFET-INPUT	T.I.
TLE2074MFKB	5962-9460203Q2A	1	OP AMP, DUAL, JFET-INPUT	T.I.
TLE2074MJGB	5962-9460203QCA	1	OP AMP, DUAL, JFET-INPUT	T.I.
TLE2141AMFKB	5962-9321602Q2A	1(.5)	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
TLE2141AMJGB	5962-9321602QPA	1(.5)	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
TLE2141MFKB	5962-9321601Q2A	1(.5)	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
TLE2141MJGB	5962-9321601QPA	1(.5)	OP AMP, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142AMFKB	5962-9321604Q2A	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142AMJGB	5962-9321604QPA	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142AMUB	5962-9321604QHA	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142MFKB	5962-9321603Q2A	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142MJGB	5962-9321603QPA	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2142MUB	5962-9321603QHA	1(.5)	OP AMP, DUAL, HIGH-SPEED, LOW-NOISE	T.I.
TLE2144AMFKB	5962-9321606Q2A	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
TLE2144AMJB	5962-9321606QCA	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
TLE2144MFKB	5962-9321605Q2A	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
TLE2144MJGB	5962-9321605QCA	1(.5)	OP AMP, QUAD, HIGH-SPEED, LOW-NOISE	T.I.
TLE2161MFKB	5962-9095801Q2A	1	OP AMP, JFET-INPUT, LOW POWER, HIGH OUTPUT DRIVE	T.I.
TLE2161MJGB	5962-9095801QPA	1	OP AMP, JFET-INPUT, LOW POWER, HIGH OUTPUT DRIVE	T.I.
TLE2425MFKB	5962-9555601Q2A	2	VOLT. REFERENCE	T.I.
TLE2425MJGB	5962-9555601QPA	2	VOLT. REFERENCE	T.I.
TLE2426MFKB	5962-9555602Q2A	3	VOLT. REFERENCE	T.I.
TLE2426MJGB	5962-9555602QPA	3	VOLT. REFERENCE	T.I.
TLV2252MFKB	5962-9566601Q2A	2	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T.I.
TLV2252MJGB	5962-9566601QPA	2	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T.I.
TLV2252MUB	5962-9566601QHA	2	OP AMP, DUAL, LOW POWER, RAIL-TO RAIL	T.I.
TLV2254MFKB	5962-9566602Q2A	2	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T.I.
TLV2254MJGB	5962-9566602QCA	2	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T.I.
TLV2254MWB	5962-9566602QDA	2	OP AMP, QUAD, LOW POWER, RAIL-TO RAIL	T.I.
TLV2262MFKB	5962-9550401Q2A	3	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLV2262MJGB	5962-9550401QPA	3	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLV2262MUB	5962-9550401QHA	3	OP AMP, DUAL, RAIL-TO-RAIL	T.I.
TLV2264MFKB	5962-9550402Q2A	3	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TLV2264MJGB	5962-9550402QCA	3	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TLV2264MWB	5962-9550402QDA	3	OP AMP, QUAD, RAIL-TO-RAIL	T.I.
TPC1010AMGB84B	5962-9096401MXA	1(1)	FIELD PROGRAMMABLE GATE ARRAY, 1200 GATE	T.I.
TPC1010AMHT84B	5962-9096401MYA	1(1)	FIELD PROGRAMMABLE GATE ARRAY, 1200 GATE	T.I.
TPC1020AMGB84B	5962-9096501MUA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
TPC1020AMGB84B-1	5962-9096502MUA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
TPC1020AMHT84B	5962-9096501MTA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
TPC1020AMHT84B-1	5962-9096502MTA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 2000-GATE	T.I.
TPC1280MGB176B	5962-9215601MXA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
TPC1280MGB176B-1	5962-9215602MXA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
TPC1280MHFG172B	5962-9215601MYA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
TPC1280MHFG172B-1	5962-9215602MYA	1(1)	GATE ARRAY, FIELD-PROGRAMMABLE, 8000-GATE	T.I.
TPIC2701MJB	5962-9552701QJA	1	TRANSISTOR ARRAY, 7-CHANNEL, POWER, DMOS, COMMON SOURCE	T.I.
TSC500/700GB	5962-94B0201QYA		SEMICUSTOM STANDARD CELL	T.I.
TSC500/700GB	5962-94B0201QZA		SEMICUSTOM STANDARD CELL	T.I.
TSC500/700GB	5962-94B0201QUA	TBD	SEMICUSTOM STANDARD CELL	T.I.
TSC500/700J	5962-94B0201QXA		SEMICUSTOM STANDARD CELL	T.I.
UA733	5962-84185012A	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
UA733MJB	8418501CA	1(.5)	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
UA733MUB	8418501H	A 1	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	T.I.
UA78M05	5962-8778202PA	0(0)	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
UA78M05	5962-87782022A	0(0)	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
UA78M12	5962-87776022A	1(0)	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
UA78M12	5962-8777602PA	1(0)	VOLT. REGULATOR, FIXED, POSITIVE, 12V	T.I.
UA78S40DMQB	5962-8876101EA	1	VOLT. REGULATOR, SWITCHING SUBSYSTEM	National
UC15127AJ	M38510/12604BVA	1(0)	PULSE WIDTH MODULATOR, REGULATING	Unitrode
UC1524J	M38510/12601BEA	1(.5)	PULSE WIDTH MODULATOR, REGULATING	Unitrode
UC1525AJ	M38510/12602BEA	3(4)	PULSE WIDTH MODULATOR, REGULATING	Unitrode
UC1526J	M38510/12603BVA	3(4)	PULSE WIDTH MODULATOR, REGULATING	Unitrode
UC1846J	M38510/70201BEA	1(0.5)	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	Unitrode
UC1847J	M38510/70202BEA	1(0)	PULSE WIDTH MODULATOR, CURRENT MODE	Unitrode
UT1553BBCRTA	5962-8862801ZA	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC

TABLE II
APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
UT1553BBCRTA	5962-8862801ZC	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC
UT1553BBCRTG	5962-8862801XA	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC
UT1553BBCRTW	5962-8862801XC	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC
UT1553BBCRTY	5962-8862801YA	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC
UT1553BBCRTZ	5962-8862801YC	1	BUS CONTROLLER, REMOTE TERMINAL	UTMC
UT1553BCRTMA	5962-8957701ZC	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMB	5962-8957701ZA	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMC	5962-8957701XB	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMD	5962-8957701XC	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTME	5962-8957701YA	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMF	5962-8957701YC	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMG	5962-8957701ZA	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMH	5962-8950101YC	1	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BCRTMI	5962-8950101YA	1	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BCRTMJ	5962-8950101XC	1	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BCRTMK	5962-8950101YA	1	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BCRTML	5962-8957701YC	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMN	5962-8957701YA	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMO	5962-8957701YC	1	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	UTMC
UT1553BCRTMP	5962-8957701ZA	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553BRTI	M38510/55502BZA	2(2)	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BRTJ	M38510/55502BZC	2(2)	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BRTK	M38510/55501BZA	2(2)	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BRTL	M38510/55501BZC	2(2)	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	UTMC
UT1553BRTR	5962-8957601ZA	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553BRTRB	5962-8957601XC	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553BRTRC	5962-8957601YA	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553BRTRD	5962-8957601YC	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553BRTRF	5962-8957601YA	1	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	UTMC
UT1553RTMPG	5962-8864501XA	1	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
UT1553RTMPH	5962-8864501XC	1	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
UT1553RTMPJ	5962-8864501YA	2	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
UT1553RTMPK	5962-8864501YC	1	REMOTE TERMINAL MULTI-PROTOCOL	UTMC
UT1760ARTSG	5962-8957501XA	1	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
UT1760ARTSH	5962-8957501XC	1	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
UT1760ARTSI	5962-8957501YC	1	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
UT1760ARTSJ	5962-8957501YA	1	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	UTMC
UT63M105PB	5962-8864401UA	2	BUS TRANSCEIVER	UTMC
UT63M105PB	5962-8864401UC	2	BUS TRANSCEIVER	UTMC
UT63M107PB	5962-8864402UA	2	BUS TRANSCEIVER	UTMC
UT63M107PB	5962-8864402UC	2	BUS TRANSCEIVER	UTMC
UT63M115PB	5962-8864403UA	2	BUS TRANSCEIVER	UTMC
UT63M115PB	5962-8864403UC	2	BUS TRANSCEIVER	UTMC
UT63M117PB	5962-8864404UA	2	BUS TRANSCEIVER	UTMC
UT63M117PB	5962-8864404UC	2	BUS TRANSCEIVER	UTMC
UT63M125BB	5962-8864405XC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M125BB	5962-8864405XA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M125CB	5962-8864405ZC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M125CB	5962-8864405ZA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M125DB	5962-8864405YA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M125DB	5962-8864405YC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127BB	5962-8864406XC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127BB	5962-8864406XA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127CB	5962-8864406ZC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127CB	5962-8864406ZA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127DB	5962-8864406YA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M127DB	5962-8864406YC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135BB	5962-8864407XC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135BB	5962-8864407XA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135CB	5962-8864407ZA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135CB	5962-8864407ZC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135DB	5962-8864407YA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M135DB	5962-8864407YC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M137BB	5962-8864408XA	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M137BB	5962-8864408XC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M137DB	5962-8864408YC	2	BUS TRANSCEIVER, DUAL	UTMC
UT63M137DB	5962-8864408YA	2	BUS TRANSCEIVER, DUAL	UTMC
UT6717685	5962H3829435BNC	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435BXC	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435SXA	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435SNA	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435BNA	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435BXA	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435SXC	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829435SNC	2(2)	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	UTMC
UT6717685	5962H3829436SNA	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436BXC	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC

TABLE II
 APPROVED SOURCE LISTING BY MANUFACTURER'S GENERIC PART NUMBER

MANUFACTURER SIMILAR PART NUMBER 4/	MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
UT6717685	5962H3829436BXA	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436BNA	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436BNC	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436SXA	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436SXC	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829436SNC	2(2)	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	UTMC
UT6717685	5962H3829437BXC	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437BXA	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437BNC	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437SXA	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437BNA	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437SNA	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437SNC	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT6717685	5962H3829437SXC	2(2)	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	UTMC
UT69151GBX	5962-9211801MXA		BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
UT69151GBX	5962-9211801MXC		BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
UT69151WBX	5962-9211801MYC		BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC
UT69151WBX	5962-9211801MYA		BUS CONTROLLER, MIL-STD-1553, REMOTE TERMINAL, MONITOR INTERFACE	UTMC

TABLE III
 APPROVED MASTER SOURCE LISTING BY MILITARY DRAWING NUMBER AND MILITARY SPECIFICATION
 FOR PLASTIC ENCAPSULATED MICROCIRCUITS

MILITARY DRAWING PART NUMBER 3/	ESD LEVEL	MANUFACTURER SIMILAR PART NUMBER 4/	PRODUCT DESCRIPTION 5/ 8/ 9/	SOURCE (S)
5962-8700301CA	1(.25)	567/BCA	TONE DECODER/PHASE-LOCKED LOOP	Philips
5962-8700301PA	1(.25)	567/BPA	TONE DECODER/PHASE-LOCKED LOOP	Philips
5962-8956401EA	1	604A/BEA	FM IF SYSTEM, HIGH PERFORMANCE, LOW-POWER	Philips
5962-9064401MRA	1	605A/BRA	IF SYSTEM, FM, HIGH-PERFORMANCE, LOW-POWER	Philips
5962-9064401MXA	1	605A/B2A	IF SYSTEM, FM, HIGH-PERFORMANCE, LOW-POWER	Philips
5962-9088204Q2A	3	TLC2202AMFKB	OP AMP, PRECISION	T.I.
5962-9555101NXD	1(0)	TLC193MDQ	VOLT. COMPARATOR, DUAL MICROPPOWER	T.I.
5962-9555201NXD	1(0)	TLC2272MDQ	OP AMP, DUAL, ADVANCED RAIL-TO-RAIL	T.I.
5962-9555301NXD	1(0)	TLC27L7MDQ	OP AMP, DUAL PRECISION	T.I.
5962-9555401NXD	1(0)	TLC27L9MDQ	OP AMP, QUAD, PRECISION	T.I.
5962-9557601NXD	1(0)	54ABT32501PZ	BUS TRANSCEIVER, 36-BIT, UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.
5962-9557701NXD	1(0)	54ABT32245PZ	BUS TRANSCEIVER, 36-BIT, UNIVERSAL, WITH 3-STATE OUTPUTS	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
54ACQ240DMQB		BUFFER/DRIVER, OCTAL, INVERTING, TS	National
54ACQ240FMQB		BUFFER/DRIVER, OCTAL, INVERTING, TS	National
54ACQ240LMQB		BUFFER/DRIVER, OCTAL, INVERTING, TS	National
54ACT169DMQB		BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54ACT169FMQB		BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54ACT169LMQB		BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54ACT2525DMQB		MINIMUM SKEW CLOCK DRIVER	National
54ACT2525FMQB		MINIMUM SKEW CLOCK DRIVER	National
54ACT2525LMQB		MINIMUM SKEW CLOCK DRIVER	National
54ACT283DMQB		ADDER, 4-BIT FULL	National
54ACT283FMQB		ADDER, 4-BIT FULL	National
54ACT283LMQB		ADDER, 4-BIT FULL	National
54ACTQ16244FMQB			National
54ACTQ16245FMQB		BUS TRANSCEIVER, 16 BIT, TS	National
54ACTQ16540FMQB		BUFFER/DRIVER, 16 BIT, INVERTING, TS	National
54ACTQ16541FMQB		BUFFER/DRIVER, 16 BIT, NON-INVERTING, TS	National
54ACTQ533DMQB		LATCH, D-TYPE, 8-BIT, TS	National
54ACTQ533FMQB		LATCH, D-TYPE, 8-BIT, TS	National
54ACTQ533LMQB		LATCH, D-TYPE, 8-BIT, TS	National
54ACTQ541DMQB		BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	National
54ACTQ541FMQB		BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	National
54ACTQ541LMQB		BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	National
54ACTQ543FMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ543LMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ543SDMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ544FMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ544LMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ544SDMQB		BUS TRANSCEIVER, OCTAL, W/REGISTERS	National
54ACTQ574DMQB		FLIP-FLOP, D-TYPE, OCTAL, TS	National
54ACTQ574FMQB		FLIP-FLOP, D-TYPE, OCTAL, TS	National
54ACTQ574LMQB		FLIP-FLOP, D-TYPE, OCTAL, TS	National
54ACTQ821FMQB		FLIP-FLOP, D-TYPE, 10 BIT	National
54ACTQ821LMQB		FLIP-FLOP, D-TYPE, 10 BIT	National
54ACTQ821SDMQB		FLIP-FLOP, D-TYPE, 10 BIT	National
54F190DMQB		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54F190FMQB		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54F190LMQB		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National
54F219DLQB		STATIC RAM, 16 X 4, TS	National
54F219FLQB		STATIC RAM, 16 X 4, TS	National
54F219LLQB		STATIC RAM, 16 X 4, TS	National
54F2241DMQB		OCTAL BUFFER/LINE DRIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F2241FMQB		OCTAL BUFFER/LINE DRIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F2241LMQB		OCTAL BUFFER/LINE DRIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F2243DMQB		OCTAL BUSS TRANSCEIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F2243FMQB		OCTAL BUSS TRANSCEIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F2243LMQB		OCTAL BUSS TRANSCEIVER WITH 25ohm SERIES RESISTORS IN THE OUTPUTS	National
54F323DMQB		SHIFT REGISTER, 8-BIT BIDIRECTIONAL	National
54F323FMQB		SHIFT REGISTER, 8-BIT BIDIRECTIONAL	National
54F323LMQB		SHIFT REGISTER, 8-BIT BIDIRECTIONAL	National
54F379DMQB		FLIP-FLOP, D-TYPE, QUAD	National
54F379FMQB		FLIP-FLOP, D-TYPE, QUAD	National
54F379LMQB		FLIP-FLOP, D-TYPE, QUAD	National
54F407DMQB		DATA ACCESS REGISTER	National
54F407FMQB		DATA ACCESS REGISTER	National
54F407LMQB		DATA ACCESS REGISTER	National
54F407SDMQB		DATA ACCESS REGISTER	National
54F410DMQB		STATIC RAM, 16 X 4, TS	National
54F410LMQB		STATIC RAM, 16 X 4, TS	National
54F413DMQB		FIFO MEMORY, 64 X 4	National
54F545DMQB		BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, TS	National
54F545FMQB		BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, TS	National
54F545LMQB		BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, TS	National
54F651FMQB		BUS TRANSCEIVER/REGISTER, OCTAL	National
54F651LMQB		BUS TRANSCEIVER/REGISTER, OCTAL	National
54F651SDMQB		BUS TRANSCEIVER/REGISTER, OCTAL	National
54F823FMQB		REGISTER, BUS INTERFACE, 9-BIT	National
54F823LMQB		REGISTER, BUS INTERFACE, 9-BIT	National
54F823SDMQB		REGISTER, BUS INTERFACE, 9-BIT	National
54F825FMQB		FLIP-FLOP, 8 BIT D	National
54F825LMQB		FLIP-FLOP, 8 BIT D	National
54F825SDMQB		FLIP-FLOP, 8 BIT D	National
8407101RA	1		Harris
9403ADMQB		HI FIFO BUFFER MEMORY	National

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
9403ALMQB		HI FIFO BUFFER MEMORY	National
9403ASDMQB		HI FIFO BUFFER MEMORY	National
96LS02DMQB		GOLD TT2 H DUAL RETRIG	National
96LS02FMQB		GOLD TT2 H DUAL RETRIG	National
AD7520SD/883B	1		Harris
AD7520UD/883B	1		Harris
ADC0851CMJ/883		8 BIT 2 CHANNEL DATA ACQ SYS	National
ADC0858CMJ/883		8 BIT 2 CHANNEL DATA ACQ SYS	National
ADC12451CMJ/883		DYNAMICALLY TESTED SELF CALIBRATING 12 BIT PLUS SIGN A/D CONVERTER W/SAMPLE/HOLD	National
ADC1251CMJ/883		DYNAMICALLY TESTED SELF CALIBRATING 12 BIT PLUS SIGN A/D CONVERTER W/SAMPLE/HOLD	National
AR629AU9/883		ARINC 629 TERMINAL CONTROLLER	National
CD22100F3A	1		Harris
CD4006BF3A	1		Harris
CD4008BF3A	1		Harris
CD4009UBF3A	1		Harris
CD40101BF3A	1		Harris
CD40103BF3A	1		Harris
CD40105BF3A	1		Harris
CD40106BF3A	1		Harris
CD40107BF3A	1		Harris
CD40109BF3A	1		Harris
CD4010BF3A	1		Harris
CD40160BF3A	1		Harris
CD40161BF3A	1		Harris
CD40161BMW/883		SYNCHRONOUS BINARY COUNTER	National
CD40163BF3A	1		Harris
CD40163BMJ/883		FULLY SYNCHRONOUS BINARY COUNTER	National
CD40163BMW/883		FULLY SYNCHRONOUS BINARY COUNTER	National
CD40175BF3A	1		Harris
CD40175BMJ/883		QUAD D FLIP FLOP	National
CD40175BMW/883		QUAD D FLIP FLOP	National
CD40193BF3A	1		Harris
CD40193BMJ/883		BINARY UP/DOWN COUNTER	National
CD40193BMW/883		BINARY UP/DOWN COUNTER	National
CD4019BF3A	1		Harris
CD40257BF3A	1		Harris
CD4028BMJ/883		BCD TO DECIMAL DECODER	National
CD4028BMW/883		BCD TO DECIMAL DECODER	National
CD4031BF3A	1		Harris
CD4034BF3A	1		Harris
CD4040BF3AR3818	1		Harris
CD4042BF3A	1		Harris
CD4043BF3A	1		Harris
CD4044BF3A	1		Harris
CD4048BF3A	1		Harris
CD4051BF3A	1		Harris
CD4051BMJ/883		SINGLE 8 CHANNEL MULTIPLEXER	National
CD4051BMW/883		SINGLE 8 CHANNEL MULTIPLEXER	National
CD4054BF3A	1		Harris
CD4056BF3A	1		Harris
CD4060BF3A	1		Harris
CD4063BF3A	1		Harris
CD4067BF3A	1		Harris
CD4068BF3A	1		Harris
CD4069UBF3A	1		Harris
CD4076BF3A	1		Harris
CD4089BF3A	1		Harris
CD4503BF3A	1		Harris
CD4504BF3A	1		Harris
CD4508BF3A	1		Harris
CD4511BF3A	1		Harris
CD4512BF3A	1		Harris
CD4514BF3A	1		Harris
CD4516BF3A	1		Harris
CD4517BF3A	1		Harris
CD4518BF3A	1		Harris
CD4528BMJ/883		DUAL MONOSTABLE MULTIVIBRATOR	National
CD4528BMW/883		DUAL MONOSTABLE MULTIVIBRATOR	National
CD4532BF3A	1		Harris
CD4536BF3A	1		Harris
CD4541BF3A	1		Harris

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
CD4724BF3A	1		Harris
CD54AC112F3A	1		Harris
CD54AC164F3A	1		Harris
CD54AC193F3A	1		Harris
CD54AC283F3A	1		Harris
CD54AC534F3A	1		Harris
CD54AC573F3A	1		Harris
CD54ACT02F3A	1		Harris
CD54ACT04F3A	1		Harris
CD54ACT05F3A	1		Harris
CD54ACT08F3A	1		Harris
CD54ACT164F3A	1		Harris
CD54ACT191F3A	1		Harris
CD54ACT193F3A	1		Harris
CD54ACT20F3A	1		Harris
CD54ACT273F3A	1		Harris
CD54ACT280F3A	1		Harris
CD54ACT283F3A	1		Harris
CD54ACT32F3A	1		Harris
CD54ACT533F3A	1		Harris
CD54ACT540F3A	1		Harris
CD54ACT541F3A	1		Harris
CD54ACT623F3A	1		Harris
CD54ACT866F3A	1		Harris
CD54HC166F3A	1		Harris
CD54HC354F3A	1		Harris
CD54HC4051F3A	1		Harris
CD54HC4066F3A	1		Harris
CD54HC4094F3A	1		Harris
CD54HC4316F3A	1		Harris
CD54HC4351F3A	1		Harris
CD54HC4514F3A	1		Harris
CD54HC4516F3A	1		Harris
CD54HC670F3A	1		Harris
CD54HCT03F3A	1		Harris
CD54HCT125F3A	1		Harris
CD54HCT139F3A	1		Harris
CD54HCT166F3A	1		Harris
CD54HCT20F3A	1		Harris
CD54HCT241F3A	1		Harris
CD54HCT243F3A	1		Harris
CD54HCT280F3A	1		Harris
CD54HCT283F3A	1		Harris
CD54HCT365F3A	1		Harris
CD54HCT4075F3A	1		Harris
CD54HCT4538F3A	1		Harris
CD54HCT533F3A	1		Harris
CD54HCT541F3A	1		Harris
CD54HCT564F3A	1		Harris
DAC0854CMJ/883		QUAD VOLT-OUTPUT SERIAL W/RB	National
DAC1054CMJ/883		QUAD VOLT-OUTPUT SERIAL W/RB	National
DG202AK/883B	1		Harris
DG300AAA/883B	1		Harris
DG300AAK/883B	1		Harris
DG301AAA/883B	1		Harris
DG301AAK/883B	1		Harris
DG302AAK/883B	1		Harris
DG308AAK/883B	1		Harris
DG309AK/883B	1		Harris
DG526AK/883B	1		Harris
DG527AK/883B	1		Harris
DG529AK/883B	1		Harris
DM54L72J/883		FLIP-FLOP, JK MASTER-SLAVE	National
DM54L72W/883		FLIP-FLOP, JK MASTER-SLAVE	National
DM54LS133E/883		NAND GATE, 13-INPUT	National
DM54LS133J/883		NAND GATE, 13-INPUT	National
DM54LS133W/883		NAND GATE, 13-INPUT	National
DM54LS14E/883		HEX INVERTER, SCHMITT TRIGGER	National
DM54LS14J/883		HEX INVERTER, SCHMITT TRIGGER	National
DM54LS14W/883		HEX INVERTER, SCHMITT TRIGGER	National
DM54LS168E/883		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National
DM54LS168J/883		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National
DM54LS168W/883		DECADE COUNTER, 4-BIT SYNCHR. UP/DOWN	National

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
DM54LS260E/883		NOR GATE, DUAL 5-INPUT	National
DM54LS260J/883		NOR GATE, DUAL 5-INPUT	National
DM54LS260W/883		NOR GATE, DUAL 5-INPUT	National
DM54LS295AJ/883		SHIFT REGISTER, 4-BIT BIDIRECTIONAL, TS	National
DM54LS295AW/883		SHIFT REGISTER, 4-BIT BIDIRECTIONAL, TS	National
DM54LS447J/883		BCD TO 7-SEGMENT DECODER/DRIVER	National
DM54LS447W/883		BCD TO 7-SEGMENT DECODER/DRIVER	National
DM54LS503J/883		APPROXIMATION REGISTER, 8-BIT	National
DM54LS503W/883		APPROXIMATION REGISTER, 8-BIT	National
DM54LS73J/883		FLIP-FLOP, JK, DUAL	National
DM54LS73W/883		FLIP-FLOP, JK, DUAL	National
DM71LS95J/883		TRI-STATE OCTAL BUFFER	National
DM9334J/883		8BIT ADDRESSABLE LATCH	National
DP7311J/883		OCTAL LATCHED PERIPHERAL DRIVER	National
DS1603J/883		DUAL TRI STATE LINE RECEIVER	National
DS26LS32MJ/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS26LS32MW/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS26LS33MJ/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS26LS33MW/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS55122J/883		TRIPLE LINE RECEIVER	National
DS7640J/883		UNIFIED BUS RECEIVER	National
DS76S10J/883		QUAD BUS TRANSCEIVER	National
DS7833J/883		QUAD TRI-STATE TRANSCIEVER	National
DS7833W/883		QUAD TRI-STATE TRANSCIEVER	National
DS7834J/883		QUAD TRI-STATE BUS TRANSCIEVER	National
DS7834W/883		QUAD TRI-STATE BUS TRANSCIEVER	National
DS7835J/883		QUAD TRI-STATE BUS TRANSCIEVER	National
DS7835W/883		QUAD TRI-STATE BUS TRANSCIEVER	National
DS7836J/883		QUAD UNIFIED BUS TRANSCIEVER	National
DS7836W/883		QUAD UNIFIED BUS TRANSCIEVER	National
DS7837J/883		HEX UNIFIED BUS TRANSCIEVER	National
DS7837W/883		HEX UNIFIED BUS TRANSCIEVER	National
DS7838J/883		QUAD UNIFIED BUS TRANSCIEVER	National
DS7838W/883		QUAD UNIFIED BUS TRANSCIEVER	National
DS78LS120J/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS78LS120W/883		EIA/TIA-422/423 QUAD DIFF RCVR	National
DS9616HME/883		TRIPLE DIFFERENTIAL LINE DRIVER	National
DS9616HMJ/883		TRIPLE DIFFERENTIAL LINE DRIVER	National
DS9667MJ/883		DARLINGTON DRIVER	National
HA1-2557/883	1		Harris
HA1-2839/883	1		Harris
HA1-2840/883	1 (.5)		Harris
HA1-2842/883	1 (.5)		Harris
HA1-2850/883	1		Harris
HA1-4741/883	1 (.5)		Harris
HA1-5004/883	1 (.2)		Harris
HA2-2502/883	1 (.4)		Harris
HA2-2512/883	1 (.4)		Harris
HA2-2548/883	1 (.5)		Harris
HA2-2602/883	1 (.4)		Harris
HA2-2622/883	1 (.5)		Harris
HA2-5101/883	1 (.5)		Harris
HA2-5135/883	1		Harris
HA2-5177/883	1 (.3)		Harris
HA4-4741/883	1 (.5)		Harris
HA4-5135/883	1		Harris
HA4-5177/883	1 (.3)		Harris
HA5022MJ/883	1		Harris
HA5023MJ/883	1		Harris
HA7-2602/883	1 (.4)		Harris
HA7-2622/883	1 (.5)		Harris
HA7-2640/883	1 (.5)		Harris
HA7-2850/883	1		Harris
HA7-5135/883	1		Harris
HA7-5177/883	1 (.3)		Harris
HC1-55564/883	1		Harris
HC4-55564/883	1		Harris
HFA1102MJ/883	1		Harris
HFA1112MJ/883	1		Harris
HFA1115MJ/883	1		Harris
HFA1145MJ/883	1		Harris
HFA1212MJ/883	1		Harris
HFA1245MJ/883	1		Harris

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HFA1412MJ/883	1		Harris
HI1-0200/883	1 (.5)		Harris
HI1-0300/883	1 (.3)		Harris
HI1-0301/883	1 (.3)		Harris
HI1-0302/883	1 (.3)		Harris
HI1-0303/883	1 (.3)		Harris
HI1-0304/883	1		Harris
HI1-0305/883	1		Harris
HI1-0306/883	1 (.3)		Harris
HI1-0307/883	1 (.3)		Harris
HI1-0381/883	1 (.3)		Harris
HI1-0384/883	1 (.3)		Harris
HI1-0387/883	1 (.3)		Harris
HI1-0390/883	1 (.3)		Harris
HI1-0506/883	1 (.3)		Harris
HI1-0507/883	1 (.3)		Harris
HI1-0509/883	1 (.3)		Harris
HI1-0516/883	1 (.4)		Harris
HI1-0524/883	1		Harris
HI1-0546/883	1 (.5)		Harris
HI1-0547/883	1 (.5)		Harris
HI1-0549/883	1 (.3)		Harris
HI1-1818A/883	1 (.5)		Harris
HI1-1828A/883	1 (.5)		Harris
HI1-565ASD/883	1 (.4)		Harris
HI1-565ATD/883	1 (.4)		Harris
HI1-5701T/883	1		Harris
HI1-674ASD/883	1		Harris
HI1-674ATD/883	1		Harris
HI1-674AUD/883	1		Harris
HI1-774S/883	1		Harris
HI1-774T/883	1		Harris
HI1-774U/883	1		Harris
HI2-0200/883	1 (.5)		Harris
HI2-0300/883	1 (.3)		Harris
HI2-0301/883	1 (.3)		Harris
HI2-0304/883	1		Harris
HI2-0305/883	1		Harris
HI2-0381/883	1 (.3)		Harris
HI2-0387/883	1 (.3)		Harris
HI4-0506/883	1 (.3)		Harris
HI4-0507/883	1 (.3)		Harris
HI4-0509/883	1 (.3)		Harris
HI4-0516/883	1 (.4)		Harris
HI4-0524/883	1		Harris
HI4-0546/883	1 (.5)		Harris
HI4-0547/883	1 (.5)		Harris
HI4-0549/883	1 (.3)		Harris
HI4-1828A/883	1 (.5)		Harris
HI4-674ASE/883	1		Harris
HI4-674ATE/883	1		Harris
HI4-674AUE/883	1		Harris
HI4-774S/883	1		Harris
HI4-774T/883	1		Harris
HI4-774U/883	1		Harris
HI9-0381/883	1		Harris
HM1-6508/883	1 (1)		Harris
HM1-6508B/883	1 (1)		Harris
HM1-6518/883	1 (1)		Harris
HM1-6551/883	1 (1)		Harris
HM1-6551B/883	1 (1)		Harris
HM1-6561/883	1 (.5)		Harris
HM1-6561B/883	1 (.5)		Harris
HM4-65642/883	1 (.5)		Harris
HM4-65642B/883	1 (.5)		Harris
HMA510GM-55/883	1		Harris
HMA510GM-65/883	1		Harris
HMA510GM-75/883	1		Harris
HMU16GM-45/883	1 (1)		Harris
HMU16GM-60/883	1 (1)		Harris
HMU17GM-45/883	1 (1)		Harris
HMU17GM-60/883	1 (1)		Harris
HPC004U20/883		HIGH PERFORMANCE MICROCONTROLLER	National

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
HPC004W20/883		HIGH PERFORMANCE MICROCONTROLLER	National
HS1-302RH/883	1		Harris
HS1-303RH/883	1		Harris
HS1-307RH/883S	1		Harris
HS1-390RH/883S	1		Harris
HS1-508ARH/883	1		Harris
HS1-508ARH/883S	1		Harris
HS9-1840RH/883S	1 (.5)		Harris
HS9-303RH/883S	1		Harris
HS9-390RH/883S	1		Harris
HS9-508ARH/883	1		Harris
HS9-508ARH/883S	1		Harris
HSP43168GM-25/883	1 (.8)		Harris
HSP43168GM-33/883	1 (.8)		Harris
HSP43220GM-15/883	1		Harris
HSP43220GM-25/883	1		Harris
HSP43481GM-20/883	1 (1)		Harris
HSP43481GM-25/883	1 (1)		Harris
HSP43881GM-20/883	1		Harris
HSP43881GM-25/883	1		Harris
HSP45106GM-25/883	1 (.5)		Harris
HSP45106GM-30/883	1 (.5)		Harris
HSP45116GM-15/883	1 (1)		Harris
HSP45116GM-25/883	1 (1)		Harris
HSP45240GM-25/883	1 (.5)		Harris
HSP45240GM-33/883	1 (.5)		Harris
HSP45240GM-40/883	1 (.5)		Harris
HSP45256GM-20/883	1 (.5)		Harris
HSP45256GM-25/883	1 (.5)		Harris
ICL7109MDL/883B	1		Harris
ICL7660MTV/883B	1		Harris
ICL7660SMTV/883B	1		Harris
ICL7662MTV/883B	1		Harris
ICL8069CMSQ/883B	1		Harris
ICL8069DMSQ/883B	1		Harris
ICM7170AMDG/883B	1		Harris
IH5341MTW/883B	1		Harris
IH6108MJE/883B	1		Harris
IH6201MJE/883B	1		Harris
IH6208MFE/883B	1		Harris
IH6208MJE/883B	1		Harris
LF11201D/883		QUAD SPST JFET SWITCH (CLOSED)	National
LF11331D/883		4 SPST JFET SWITCH (OPEN W/DISABLE)	National
LF11333D/883		4 SPST JFET SWITCH 2 OPEN 2 CLOSED	National
LF444MD/883		LOW POWER JFET OP AMP (QUAD)	National
LH2111F/883		DUAL LATCH	National
LM102H/883		VOLTAGE FOLLOWER OP AMP	National
LM125H/883		+/- 15V/100MA TO-5 VOLTAGE REGULATOR	National
LM140H-6.0/883		+ 6.0V/.5A POS VOLTAGE REG	National
LM140H-8.0/883		+ 8.0V/.5A POS VOLTAGE REG	National
LM145K-5.0/883		-5.0V/3A TO-3 VOLTAGE REG	National
LM145K-5.2/883		-5.2V/3A TO-3 VOLTAGE REG	National
LM146J/883		PROGRAMMABLE QUAD OP AMP	National
LM149J/883		QUAD 741 OP AMP HIGH SPEED	National
LM1558H/883		DUAL COMPARATOR OP AMP	National
LM1558J/883		DUAL COMPARATOR OP AMP	National
LM2941K/883		POS ADJ 1.0 A LOW DROP OUT REGULATOR	National
LM431H/883		ADJ PREC SHUNT REGULATOR	National
LM431J/883		ADJ PREC SHUNT REGULATOR	National
LM611AMJ/883		LM611AMJ/883 QUAD COMPARATOR AND ADJUSTABLE REFERENCE	National
LM615AMJ/883		LM615AMJ/883 QUAD COMPARATOR AND ADJUSTABLE REFERENCE	National
LM714H/883		HI REL QB PRECISION OP AMP	National
LM748H/883		OP AMP	National
LM748J/883		OP AMP	National
MC1558FKB	1 (0)	DUAL OP-AMP	T.I.
MD80C88-2/883	2 (2)		Harris
MD82C284-10/883	3 (4)		Harris
MM54C00J/883		NAND GATE, QUAD 2-INPUT	National
MM54C00W/883		NAND GATE, QUAD 2-INPUT	National
MM54C02J/883		NOR GATE, QUAD 2-INPUT	National
MM54C02W/883		NOR GATE, QUAD 2-INPUT	National
MM54C04J/883		HEX INVERTER	National
MM54C04W/883		HEX INVERTER	National

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
MM54C14J/883		HEX INVERTER, SCHMITT TRIGGER	National
MM54C14W/883		HEX INVERTER, SCHMITT TRIGGER	National
MM54C151J/883		DATA SEL/MULTIPLEXER, 8-INPUT	National
MM54C151W/883		DATA SEL/MULTIPLEXER, 8-INPUT	National
MM54C157J/883		DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
MM54C157W/883		DATA SEL/MULTIPLEXER, QUAD 2-INPUT	National
MM54C161J/883		BINARY COUNTER, 4-BIT SYNCHR.	National
MM54C161W/883		BINARY COUNTER, 4-BIT SYNCHR.	National
MM54C163J/883		BINARY COUNTER, 4-BIT SYNCHR.	National
MM54C163W/883		BINARY COUNTER, 4-BIT SYNCHR.	National
MM54C164J/883		SHIFT REGISTER, 8-BIT PARALLEL OUTPUT	National
MM54C174J/883		FLIP-FLOP, D-TYPE, HEX	National
MM54C174W/883		FLIP-FLOP, D-TYPE, HEX	National
MM54C175J/883		FLIP-FLOP, D-TYPE, QUAD	National
MM54C175W/883		FLIP FLOP, D TYPE, QUAD	National
MM54C193J/883		BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	National
MM54C193W/883		BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	National
MM54C195J/883		SHIFT REGISTER, 4-BIT PARALLEL ACCESS	National
MM54C195W/883		SHIFT REGISTER, 4-BIT PARALLEL ACCESS	National
MM54C221J/883		MULTIVIBRATOR, DUAL MONOSTABLE	National
MM54C221W/883		MULTIVIBRATOR, DUAL MONOSTABLE	National
MM54C30J/883		NAND GATE, 8-INPUT	National
MM54C30W/883		NAND GATE, 8-INPUT	National
MM54C32J/883		OR GATE, QUAD 2-INPUT	National
MM54C32W/883		OR GATE, QUAD 2-INPUT	National
MM54C373J/883		LATCH, D-TYPE, OCTAL, TS	National
MM54C374J/883		FLIP-FLOP, D-TYPE, OCTAL, TS	National
MM54C42J/883		DECODER, BCD-TO-DECIMAL	National
MM54C42W/883		DECODER, BCD-TO-DECIMAL	National
MM54C74J/883		FLIP-FLOP, D-TYPE, DUAL	National
MM54C74W/883		FLIP-FLOP, D-TYPE, DUAL	National
MM54C86J/883		QUAD EXCLUSIVE OR GATE	National
MM54C86W/883		QUAD EXCLUSIVE OR GATE	National
MM54C89J/883		64 BIT (16X4) RAM TS	National
MM54C89W/883		64 BIT (16X4) RAM TS	National
MM54C901J/883		HEX INVERTING BUFFER-TTL INTERFACE	National
MM54C901W/883		HEX INVERTING BUFFER-TTL INTERFACE	National
MM54C902J/883		HEX BUFFER (TTL INTERFACE)	National
MM54C902W/883		HEX BUFFER (TTL INTERFACE)	National
MM54C906J/883		OPEN DRAIN BUFFER	National
MM54C906W/883		OPEN DRAIN BUFFER	National
MM54C90J/883		DECADE COUNTER, 4-BIT	National
MM54C90W/883		DECADE COUNTER, 4-BIT	National
MM54C914J/883		HEX SCHMITT TRIGGER W/EXTENDED VOLT	National
MM54C914W/883		HEX SCHMITT TRIGGER W/EXTENDED VOLT	National
MM70C95J/883		TRI-STATE HEX BUFFER	National
MM70C95W/883		TRI-STATE HEX BUFFER	National
MM70C97J/883		TRI-STATE HEX BUFFER	National
MM70C97W/883		TRI-STATE HEX BUFFER	National
MM70C98J/883		TRI-STATE HEX INVERTING BUFFER	National
MM70C98W/883		TRI-STATE HEX INVERTING BUFFER	National
MM78C29W/883		QUAD LINE DRIVER SINGLE ENDED	National
MM78C30W/883		DUAL LINE DRIVER TWISTED PAIR	National
NM93C46J/883		1024 BIT SERIAL EEPROM	National
NS41256L25E/883		256 K (32 X 8) CMOS SRAM	National
NS41256L25J/883		256 K (32 X 8) CMOS SRAM	National
NS41256L35E/883		256 K (32 X 8) CMOS SRAM	National
NS41256L35J/883		256 K (32 X 8) CMOS SRAM	National
NS41257L15J/883		256 K (256K X 1) CMOS SRAM	National
NS41257L17J/883		256 K (256K X 1) CMOS SRAM	National
NS41257L20J/883		256 K (256K X 1) CMOS SRAM	National
NS41257L25J/883		256 K (256K X 1) CMOS SRAM	National
NS41257S15J/883		256 K (256K X 1) CMOS SRAM	National
NS41257S20J/883		256 K (256K X 1) CMOS SRAM	National
NS41257S25J/883		256 K (256K X 1) CMOS SRAM	National
NS41257S35J/883		256 K (256K X 1) CMOS SRAM	National
NS41258L15J/883		256 K (64K X 4) CMOS SRAM	National
NS41258L17J/883			National
NS41258L20J/883		256 K (64K X 4) CMOS SRAM	National
NS41258L25J/883		256 K (64K X 4) CMOS SRAM	National
NS41258S15J/883		256 K (64K X 4) CMOS SRAM	National
NS41258S20J/883		256 K (64K X 4) CMOS SRAM	National
NS41258S25J/883		256 K (64K X 4) CMOS SRAM	National

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
NS41258S35J/883		256 K (64K X 4) CMOS SRAM	National
OP27CFKB	2 (2)	SINGLE OP-AMP	T.I.
RTX2000GM-8/883	1 (1)		Harris
SCANPSC110FDMQB		SCAN DRIDGE (IEE 1149.1 HIERARCHY)	National
SCANPSC110FFMQB		SCAN DRIDGE (IEE 1149.1 HIERARCHY)	National
SCANPSC110FLMQB		SCAN DRIDGE (IEE 1149.1 HIERARCHY)	National
SE5534FKB	1 (0)	SINGLE OP-AMP	T.I.
SNJ54122J	1 (0)	MULTIVIBRATOR, MONOSTABLE	T.I.
SNJ54126J	1 (0)	BUFFER/DRIVER, QUAD, NON-INVERTING, TS	T.I.
SNJ54126W	1 (0)	BUFFER/DRIVER, QUAD, NON-INVERTING, TS	T.I.
SNJ54128FK	1 (0)	LINE DRIVER, QUAD NOR	T.I.
SNJ54128J	1 (0)	LINE DRIVER, QUAD NOR	T.I.
SNJ54128W	1 (0)	LINE DRIVER, QUAD NOR	T.I.
SNJ5412J	1 (0)	NAND GATE, TRIPLE 3-INPUT, OC	T.I.
SNJ5412W	1 (0)	NAND GATE, TRIPLE 3-INPUT, OC	T.I.
SNJ54148J	1 (0)	PRIORITY ENCODER, 8-TO-3-LINE	T.I.
SNJ54148W	1 (0)	PRIORITY ENCODER, 8-TO-3-LINE	T.I.
SNJ54163J	1 (0)		T.I.
SNJ54163W	1 (0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54173J	1 (0)	FLIP-FLOP, D-TYPE, QUAD	T.I.
SNJ54173W	1 (0)	FLIP-FLOP, D-TYPE, QUAD	T.I.
SNJ54176J	1 (0)	BINARY COUNTER PRESETTABLE DECADE	T.I.
SNJ54177J	1 (0)	BINARY COUNTER, 4-BIT PRESETTABLE	T.I.
SNJ54191J	1 (0)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54191W	1 (0)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54195J	1 (0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
SNJ54195W	1 (0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
SNJ54196J	1 (0)	DECADE COUNTER, 4-BIT PRESETTABLE	T.I.
SNJ54197J	1 (0)	BINARY COUNTER, 4-BIT PRESETTABLE	T.I.
SNJ54197W	1 (0)	BINARY COUNTER, 4-BIT PRESETTABLE	T.I.
SNJ5423J	2 (2)	NOR GATE, DUAL, 4-INPUT WITH STROBE	T.I.
SNJ5423W	2 (2)	NOR GATE, DUAL, 4-INPUT WITH STROBE	T.I.
SNJ54251J	1 (0)	DATA SEL/MULTIPLEXER, 8-INPUT, TS	T.I.
SNJ54265J	1 (0)	LATCH, DUAL 4-BIT ADDRESSABLE	T.I.
SNJ54279J	1 (0)	LATCH, RS, 4-BIT	T.I.
SNJ54279W	1 (0)	LATCH, RS, 4-BIT	T.I.
SNJ54298J	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54298W	1 (0)	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	T.I.
SNJ54366AJ	1 (0)	BUFFER/DRIVER, HEX, INVERTING, TS	T.I.
SNJ54366AW	1 (0)	BUFFER/DRIVER, HEX, INVERTING, TS	T.I.
SNJ54376J	1 (0)	FLIP-FLOP, JK, 4-BIT	T.I.
SNJ54393J	1 (0)	BINARY COUNTER, DUAL 4-BIT	T.I.
SNJ54393W	1 (0)	BINARY COUNTER, DUAL 4-BIT	T.I.
SNJ5445J	1 (0)	DECODER/DRIVER, DCD-TO-DECIMAL	T.I.
SNJ5445W	1 (0)	DECODER/DRIVER, BCD-TO-DECIMAL	T.I.
SNJ5454J	1 (0)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	T.I.
SNJ5454W	1 (0)	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	T.I.
SNJ5470J	1 (0)	FLIP-FLOP, JK	T.I.
SNJ5470WA	1 (0)	FLIP-FLOP, JK	T.I.
SNJ5472J	2 (2)	FLIP-FLOP, JK MASTER-SLAVE	T.I.
SNJ5472W	1 (0)	FLIP-FLOP, JK MASTER-SLAVE	T.I.
SNJ5490AJ	1 (0)	DECADE COUNTER, 4-BIT	T.I.
SNJ5490AW	1 (0)	DECADE COUNTER, 4-BIT	T.I.
SNJ5490AWA	1 (0)	DECADE COUNTER, 4-BIT	T.I.
SNJ5492AJ	1 (0)	DECADE COUNTER, DIVIDE-BY-12	T.I.
SNJ5493AW	1 (0)	BINARY COUNTER, 4-BIT	T.I.
SNJ5496J	1 (0)	SHIFT REGISTER, 5-BIT (PARALLEL IN, PARALLEL OUT)	T.I.
SNJ5496W	1 (0)	SHIFT REGISTER, 5-BIT (PARALLEL IN, PARALLEL OUT)	T.I.
SNJ5497J	1 (0)	MULTIPLIER, BINARY, 6 BIT SYNCHRONOUS,	T.I.
SNJ54ABT125FK	2 (2)	BUFFER/DRIVER, QUAD, NON-INVERTING, TS	T.I.
SNJ54ABT125J	2 (2)	BUFFER/DRIVER, QUAD, NON-INVERTING, TS	T.I.
SNJ54ABT125W	2 (2)	BUFFER/DRIVER, QUAD, NON-INVERTING, TS	T.I.
SNJ54ABT16640WD	1 (0)	BUS TRANSCEIVER, 16 BIT INVERTING, TS	T.I.
SNJ54ABT16652WD	1 (0)	BUS TRANSCEIVER, 16 BIT NON-INVERTING, TS	T.I.
SNJ54ABT16823WD	1 (0)	REGISTER, BUS INTERFACE, 9-BIT	T.I.
SNJ54ABT16841WD	2 (2)	LATCH, D-TYPE, 20BIT, TS	T.I.
SNJ54ABT18646FK	2 (2)	BUS TRANSCEIVER, 18-BIT, NON-INVERTING, TS	T.I.
SNJ54ABT2245FK	2 (2)	TRANSCIEVER AND LINE/MPS DRIVER, 8-BIT	T.I.
SNJ54ABT2245J	2 (2)	TRANSCIEVER AND LINE/MPS DRIVER, 8-BIT	T.I.
SNJ54ABT2245W	2 (2)	TRANSCIEVER AND LINE/MPS DRIVER, 8-BIT	T.I.
SNJ54ABT2952AFK	2 (2)	REGISTERED BUS TRANSCIEVER, 8-BIT	T.I.
SNJ54ABT2952AJT	2 (2)	REGISTERED BUS TRANSCIEVER, 8-BIT	T.I.
SNJ54ABT2952AW	2 (2)	REGISTERED BUS TRANSCIEVER, 8-BIT	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54ABT32316HT	1(0)	TRI-PORT UNIVERSAL BUS EXCHANGER 16-BIT	T.I.
SNJ54ABT533FK	1(0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54ABT533J	1(0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54ABT533W	1(0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54ABT534FK	1(0)	FLIP-FLOP, D-TYPE, OCTAL INVERTING, TS	T.I.
SNJ54ABT534J	1(0)	FLIP-FLOP, D-TYPE, OCTAL INVERTING, TS	T.I.
SNJ54ABT534W	1(0)	FLIP-FLOP, D-TYPE, OCTAL INVERTING, TS	T.I.
SNJ54ABT7820GB	2(2)	FIFO, 512 WORDS X 18 BITS, TS	T.I.
SNJ54ABT841FK	1(0)	10 BIT D-TYPE TRANCEIVER LATCH, NON-INVERTING, TS	T.I.
SNJ54ABT841JT	1(0)	10 BIT D-TYPE TRANCEIVER LATCH, NON-INVERTING, TS	T.I.
SNJ54ABT841W	1(0)	10 BIT D-TYPE TRANCEIVER LATCH, NON-INVERTING, TS	T.I.
SNJ54ABT843FK	2(2)	9 BIT NON-INVERTING LATCH W/PRESET AND CLEAR	T.I.
SNJ54ABT843JT	2(2)	9 BIT NON-INVERTING LATCH W/PRESET AND CLEAR	T.I.
SNJ54ABT843W	2(2)	9 BIT NON-INVERTING LATCH W/PRESET AND CLEAR	T.I.
SNJ54ADT053FK	2(2)	BIDIRECTIONAL NON-INVERTING TRANCEIVER W/LATCH	T.I.
SNJ54ADT053JT	2(2)	BIDIRECTIONAL NON-INVERTING TRANCEIVER W/LATCH	T.I.
SNJ54ADT053W	2(2)	BIDIRECTIONAL NON-INVERTING TRANCEIVER W/LATCH	T.I.
SNJ54ABTH18502AHV	1(0)	REGISTERED TRANCEIVER, 18 BIT, TS	T.I.
SNJ54ABTH18646AHV	1(0)	BUS TRANCEIVER, 18 BIT, NON-INVERTING, TS	T.I.
SNJ54ACT8999FK	1(0)	SCAN PATH LINKERS, W/IDENTIFICATION BUSES, OC	T.I.
SNJ54ACT8999JT	1(0)	SCAN PATH LINKERS, W/IDENTIFICATION BUSES, OC	T.I.
SNJ54ALS03BPK	1(0)	NAND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54ALS03BJ	1(0)	NAND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54ALS1005FK	1(0)	HEX INVERTING BUFFER, OC	T.I.
SNJ54ALS1005J	1(0)	HEX INVERTING BUFFER, OC	T.I.
SNJ54ALS1005W	1(0)	HEX INVERTING BUFFER, OC	T.I.
SNJ54ALS137FK	1(0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54ALS137J	1(0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54ALS137W	1(0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54ALS33AFK	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT, OC	T.I.
SNJ54ALS33AJ	1(0)	BUFFER/DRIVER, NOR, QUAD 2-INPUT, OC	T.I.
SNJ54ALS352FK	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54ALS352J	1(0)	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	T.I.
SNJ54AS00PK	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54AS00J	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54AS00W	2(2)	NAND GATE, QUAD 2-INPUT	T.I.
SNJ54AS02PK	1(0)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54AS02J	1(0)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54AS02W	1(0)	NOR GATE, QUAD 2-INPUT	T.I.
SNJ54AS04FK	2(2)	HEX INVERTER	T.I.
SNJ54AS04J	2(2)	HEX INVERTER	T.I.
SNJ54AS04W	2(2)	HEX INVERTER	T.I.
SNJ54AS08FK	1(0)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54AS08J	1(0)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54AS08W	1(0)	AND GATE, QUAD 2-INPUT	T.I.
SNJ54AS109FK	2(2)	JK FLIP FLOP, DUAL	T.I.
SNJ54AS109J	2(2)	JK FLIP FLOP, DUAL	T.I.
SNJ54AS109W	2(2)	JK FLIP FLOP, DUAL	T.I.
SNJ54AS10FK	2(2)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS10J	2(2)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS10W	2(2)	NAND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS11FK	2(2)	AND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS11J	2(2)	AND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS11W	2(2)	AND GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS138FK	2(2)	DECODER, 3-TO-8-LINE	T.I.
SNJ54AS138J	2(2)	DECODER, 3-TO-8-LINE	T.I.
SNJ54AS138W	2(2)	DECODER, 3-TO-8-LINE	T.I.
SNJ54AS161FK	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS161J	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS161W	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS163FK	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS163J	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS163W	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54AS169AFK	2(2)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54AS169AJ	2(2)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54AS169AW	2(2)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54AS174FK	2(2)	FLIP-FLOP, D-TYPE, HEX	T.I.
SNJ54AS174J	2(2)	FLIP-FLOP, D-TYPE, HEX	T.I.
SNJ54AS174W	2(2)	FLIP-FLOP, D-TYPE, HEX	T.I.
SNJ54AS181BPK	2(2)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54AS181BJT	2(2)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54AS181BW	2(2)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54AS194FK	2(2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 1/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54AS194J	2 (2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
SNJ54AS194W	2 (2)	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	T.I.
SNJ54AS20FK	1 (0)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54AS20J	1 (0)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54AS20W	1 (0)	NAND GATE, DUAL 4-INPUT	T.I.
SNJ54AS240FK	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54AS240J	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54AS240W	1 (0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54AS241FK	1 (0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS241J	1 (0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS241W	1 (0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS244FK	2 (2)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS244J	2 (2)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS244W	2 (2)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54AS245FK	1 (0)	BUS TRANSCEIVER, OCTAL, TS	T.I.
SNJ54AS245J	1 (0)	BUS TRANSCEIVER, OCTAL, TS	T.I.
SNJ54AS27FK	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS27J	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS27W	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS27W	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS27W	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS27W	1 (0)	NOR GATE, TRIPLE 3-INPUT	T.I.
SNJ54AS30J	1 (0)	NAND GATE, 8-INPUT	T.I.
SNJ54AS30W	1 (0)	NAND GATE, 8-INPUT	T.I.
SNJ54AS32FK	1 (0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54AS32J	1 (0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54AS32W	1 (0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54AS373FK	1 (0)	LATCH, D-TYPE, OCTAL, TS	T.I.
SNJ54AS373J	1 (0)	LATCH, D-TYPE, OCTAL, TS	T.I.
SNJ54AS373W	1 (0)	LATCH, D-TYPE, OCTAL, TS	T.I.
SNJ54AS374FK	2 (2)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS374J	2 (2)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS374W	2 (2)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS573AFK	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54AS573AJ	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54AS573AW	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54AS574FK	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS574J	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS574W	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54AS575FK	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, NON-INVERTING	T.I.
SNJ54AS575JT	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, NON-INVERTING	T.I.
SNJ54AS575W	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, NON-INVERTING	T.I.
SNJ54AS576FK	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, INVERTING OUTPUTS	T.I.
SNJ54AS576J	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, INVERTING OUTPUTS	T.I.
SNJ54AS576W	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, INVERTING OUTPUTS	T.I.
SNJ54AS645FK	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54AS645J	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54AS645W	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54AS74FK	2 (2)	FLIP-FLOP, D-TYPE, DUAL	T.I.
SNJ54AS74J	2 (2)	FLIP-FLOP, D-TYPE, DUAL	T.I.
SNJ54AS86AFK	3 (4)	XOR GATE, 2 INPUT, QUAD	T.I.
SNJ54AS86AJ	3 (4)	XOR GATE, 2 INPUT, QUAD	T.I.
SNJ54AS86AW	3 (4)	XOR GATE, 2 INPUT, QUAD	T.I.
SNJ54AS873FK	1 (0)	LATCH, D-TYPE, DUAL	T.I.
SNJ54AS873JT	1 (0)	LATCH, D-TYPE, DUAL	T.I.
SNJ54AS873W	1 (0)	LATCH, D-TYPE, DUAL	T.I.
SNJ54BCT573FK	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54BCT573J	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54BCT573W	3 (4)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54BCT574FK	3 (4)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54BCT574J	3 (4)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54BCT574W	3 (4)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54CBT3383JT	2 (2)	BUS EXCHANGER SWITCH, 10-BIT	T.I.
SNJ54CBT3383W	2 (2)	BUS EXCHANGER SWITCH, 10-BIT	T.I.
SNJ54CDC341FK	3 (4)	CLOCK DRIVER 8 TO 1	T.I.
SNJ54CDC341J	3 (4)	CLOCK DRIVER 8 TO 1	T.I.
SNJ54CDC341W	3 (4)	CLOCK DRIVER 8 TO 1	T.I.
SNJ54PD2040WD	1 (0)	TTL/DIL TRANSCEIVER, 8 BIT	T.I.
SNJ54HC148FK	2 (2)	PRIORITY ENCODER, 8-TO-3-LINE	T.I.
SNJ54HC148J	2 (2)	PRIORITY ENCODER, 8-TO-3-LINE	T.I.
SNJ54HC148W	2 (2)	PRIORITY ENCODER, 8-TO-3-LINE	T.I.
SNJ54HC645FK	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54HC645J	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54LS01FK	1 (0)	NAND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54LS01J	1 (0)	NAND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54LS01W	1 (0)	NAND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54LS06FK	1 (0)	BUFFER/DRIVER, HEX, INVERTING, OC	T.I.
SNJ54LS06J	1 (0)	BUFFER/DRIVER, HEX, INVERTING, OC	T.I.
SNJ54LS06W	1 (0)	BUFFER/DRIVER, HEX, INVERTING, OC	T.I.
SNJ54LS137FK	1 (0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54LS137J	1 (0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54LS137W	1 (0)	DECODER, 3-TO-8-LINE, W/LATCHES	T.I.
SNJ54LS14FK	1 (0)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54LS14J	1 (0)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54LS14W	1 (0)	HEX INVERTER, SCHMITT TRIGGER	T.I.
SNJ54LS155AJ	1 (0)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54LS155AW	1 (0)	DECODER, DUAL 2-TO-4-LINE	T.I.
SNJ54LS156FK	1 (0)	DECODER, DUAL 2-TO-4-LINE, OC	T.I.
SNJ54LS156J	1 (0)	DECODER, DUAL 2-TO-4-LINE, OC	T.I.
SNJ54LS156W	1 (0)	DECODER, DUAL 2-TO-4-LINE, OC	T.I.
SNJ54LS181FK	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54LS181J	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54LS181JT	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54LS181W	1 (0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54LS222AFK	1 (0)	FIFO MEMORY, 16 X 4	T.I.
SNJ54LS222AJ	1 (0)	FIFO MEMORY, 16 X 4	T.I.
SNJ54LS224AFK	1 (0)	FIFO MEMORY, 16 X 4	T.I.
SNJ54LS224AJ	1 (0)	FIFO MEMORY, 16 X 4	T.I.
SNJ54LS266FK	1 (0)	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	T.I.
SNJ54LS266J	1 (0)	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	T.I.
SNJ54LS266W	1 (0)	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	T.I.
SNJ54LS323FK	1 (0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54LS323J	1 (0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54LS323W	1 (0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54LS375FK	1 (0)	LATCH, 4-BIT BISTABLE	T.I.
SNJ54LS375J	1 (0)	LATCH, 4-BIT BISTABLE	T.I.
SNJ54LS375W	1 (0)	LATCH, 4-BIT BISTABLE	T.I.
SNJ54LS379FK	1 (0)	FLIP-FLOP, D-TYPE, QUAD	T.I.
SNJ54LS379J	1 (0)	FLIP-FLOP, D-TYPE, QUAD	T.I.
SNJ54LS379W	1 (0)	FLIP-FLOP, D-TYPE, QUAD	T.I.
SNJ54LS49J	1 (0)	BCD TO SEVEN SEGMENT DECODER	T.I.
SNJ54LS593FK	1 (0)	BINARY COUNTER, 8-BIT W/REGISTERS, TS	T.I.
SNJ54LS593J	1 (0)	BINARY COUNTER, 8-BIT W/REGISTERS, TS	T.I.
SNJ54LS593W	1 (0)	BINARY COUNTER, 8-BIT W/REGISTERS, TS	T.I.
SNJ54LS645FK	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54LS645J	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54LS645W	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54LS669FK	1 (0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54LS669J	1 (0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54LS669W	1 (0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54LS697FK	1 (0)	BINARY COUNTER, SYNCHR. UP/DOWN	T.I.
SNJ54LS697J	1 (0)	BINARY COUNTER, SYNCHR. UP/DOWN	T.I.
SNJ54LS697W	1 (0)	BINARY COUNTER, SYNCHR. UP/DOWN	T.I.
SNJ54LS73AFD	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54LS73AJ	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54LS73AW	1 (0)	FLIP-FLOP, JK, DUAL	T.I.
SNJ54LS91J	1 (0)	SHIFT REGISTER, 8-BIT SERIAL-IN, SERIAL-OUT	T.I.
SNJ54LS91W	1 (0)	SHIFT REGISTER, 8-BIT SERIAL-IN, SERIAL-OUT	T.I.
SNJ54LVT16244AWD	1 (0)	BUFFER/DRIVER, 16 BIT, NON-INVERTING, TS	T.I.
SNJ54LVT16245AWD	1 (0)	BUS TRANSCEIVER, 16 BIT, TS	T.I.
SNJ54LVT16373WD	2 (2)	LATCH, D-TYPE, 16 BIT, TS	T.I.
SNJ54LVT16374WD	1 (0)	FLIP-FLOP, D-TYPE, 16 BIT, TS	T.I.
SNJ54LVT244FK	3 (4)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54LVT244J	3 (4)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54LVT244W	3 (4)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54LVT245FK	1 (0)	BUS TRANSCEIVER, OCTAL, TS	T.I.
SNJ54LVT245J	1 (0)	BUS TRANSCEIVER, OCTAL, TS	T.I.
SNJ54LVT245W	1 (0)	BUS TRANSCEIVER, OCTAL, TS	T.I.
SNJ54LVT573FK	1 (0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54LVT573J	1 (0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54LVT573W	1 (0)	LATCH, D-TYPE, 8-BIT, TS	T.I.
SNJ54LVT574FK	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54LVT574J	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54LVT574W	1 (0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54LVT646FK	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54LVT646JT	1 (0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	ESD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ54LVT646W	1(0)	BUS TRANSCEIVER, OCTAL NON-INVERTING, TS	T.I.
SNJ54S09FK	1(0)	AND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54S09J	1(0)	AND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54S09W	1(0)	AND GATE, QUAD 2-INPUT, OC	T.I.
SNJ54S114FK	1(0)	FLIP-FLOP, JK, DUAL, W/PRESET	T.I.
SNJ54S114J	1(0)	FLIP-FLOP, JK, DUAL, W/PRESET	T.I.
SNJ54S114W	1(0)	FLIP-FLOP, JK, DUAL, W/PRESET	T.I.
SNJ54S124J	1(0)	OSCILLATOR, VOLT.-CONTROLLED, DUAL	T.I.
SNJ54S124W	1(0)	OSCILLATOR, VOLT.-CONTROLLED, DUAL	T.I.
SNJ54S132FK	1(0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54S132J	1(0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54S132W	1(0)	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	T.I.
SNJ54S134J	1(0)	NAND GATE, 12-INPUT, TS	T.I.
SNJ54S134W	1(0)	NAND GATE, 12-INPUT, TS	T.I.
SNJ54S135J	1(0)	EXCLUSIVE-OR/NOR GATE, QUAD	T.I.
SNJ54S135W	1(0)	EXCLUSIVE-OR/NOR GATE, QUAD	T.I.
SNJ54S140FK	1(0)	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
SNJ54S140J	1(0)	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
SNJ54S140W	1(0)	LINE DRIVER, DUAL 4-INPUT NAND	T.I.
SNJ54S15FK	1(0)	AND GATE, TRIPLE 3-INPUT, OC	T.I.
SNJ54S15J	1(0)	AND GATE, TRIPLE 3-INPUT, OC	T.I.
SNJ54S15W	1(0)	AND GATE, TRIPLE 3-INPUT, OC	T.I.
SNJ54S163FK	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54S163J	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54S163W	1(0)	BINARY COUNTER, 4-BIT SYNCHR.	T.I.
SNJ54S169FK	1(0)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54S169J	1(0)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54S169W	1(0)	BINARY COUNTER, 4-BIT SYNCHR. UP/DOWN	T.I.
SNJ54S195FK	1(0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
SNJ54S195J	1(0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
SNJ54S195W	1(0)	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	T.I.
SNJ54S240FK	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54S240J	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54S240W	1(0)	BUFFER/DRIVER, OCTAL, INVERTING, TS	T.I.
SNJ54S241FK	1(0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54S241J	1(0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54S241W	1(0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54S244FK	1(0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54S244J	1(0)	BUFFER/DRIVER, OCTAL, NON-INVERTING, TS	T.I.
SNJ54S260FK	1(0)	NOR GATE, DUAL 5-INPUT	T.I.
SNJ54S260J	1(0)	NOR GATE, DUAL 5-INPUT	T.I.
SNJ54S260W	1(0)	NOR GATE, DUAL 5-INPUT	T.I.
SNJ54S280FK	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
SNJ54S280J	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
SNJ54S280W	1(0)	PARITY GENERATOR/CHECKER, 9-BIT	T.I.
SNJ54S283FK	1(0)	ADDER, 4-BIT FULL	T.I.
SNJ54S283J	1(0)	ADDER, 4-BIT FULL	T.I.
SNJ54S283W	1(0)	ADDER, 4-BIT FULL	T.I.
SNJ54S299FK	1(0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54S299J	1(0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54S299W	1(0)	SHIFT REGISTER, 8-BIT BIDIRECTIONAL	T.I.
SNJ54S30FK	1(0)	NAND GATE, 8-INPUT	T.I.
SNJ54S30J	1(0)	NAND GATE, 8-INPUT	T.I.
SNJ54S30W	1(0)	NAND GATE, 8-INPUT	T.I.
SNJ54S32FK	1(0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54S32J	1(0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54S32W	1(0)	OR GATE, QUAD 2-INPUT	T.I.
SNJ54S373FK	1(0)	LATCH, D-TYPE, OCTAL, TS	T.I.
SNJ54S373J	1(0)	LATCH, D-TYPE, OCTAL, TS	T.I.
SNJ54S374FK	1(0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54S374J	1(0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54S374W	1(0)	FLIP-FLOP, D-TYPE, OCTAL, TS	T.I.
SNJ54S37FK	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
SNJ54S37J	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
SNJ54S37W	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT	T.I.
SNJ54S381FK	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54S381J	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54S381W	1(0)	ALU/FUNCTION GENERATOR, 4-BIT	T.I.
SNJ54S38FK	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, OC	T.I.
SNJ54S38J	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, OC	T.I.
SNJ54S38W	1(0)	BUFFER/DRIVER, NAND, QUAD 2-INPUT, OC	T.I.
SNJ55122FK	1(0)	TRIPLE LINE RECEIVER	T.I.
SNJ55122J	1(0)	TRIPLE LINE RECEIVER	T.I.

TABLE IV
AVAILABLE LISTING OF CATALOG STANDARD PRODUCT

MANUFACTURER'S PART NUMBER 7/	MSD LEVEL	PRODUCT DESCRIPTION 5/	SOURCE(S)
SNJ55138FK	1(0)	QUAD BUS TRANCEIVER	T.I.
SNJ55138J	1(0)	QUAD BUS TRANCEIVER	T.I.
SNJ55138W	1(0)	QUAD BUS TRANCEIVER	T.I.
SNJ55173FK	1(0)	QUAD DIFFERENTIAL LINE TRANCEIVER	T.I.
SNJ55173J	1(0)	QUAD DIFFERENTIAL LINE TRANCEIVER	T.I.
SNJ55173W	1(0)	QUAD DIFFERENTIAL LINE TRANCEIVER	T.I.
SNJ55453BPK	1(0)	DUAL PERIPHERAL DRIVER	T.I.
SNJ55453BJG	1(0)	DUAL PERIPHERAL DRIVER	T.I.
SNJ55461FK	1(0)	BINARY COUNTER, 8-BIT SYNCHR.	T.I.
SNJ55461JG	1(0)	BINARY COUNTER, 8-BIT SYNCHR.	T.I.
SNJ55ALS172J	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS172W	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS173J	1(0)	LINE RECIEVER, DIFFERENTIAL	T.I.
SNJ55ALS173W	1(0)	LINE RECIEVER, DIFFERENTIAL	T.I.
SNJ55ALS174J	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS174W	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS175J	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS175W	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS192FK	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS192J	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
SNJ55ALS192W	1(0)	QUAD DIFFERENTIAL LINE DRIVER	T.I.
TCM29C14AMJB	1(0)	CODEC	T.I.
TL081MFKB	1(0)	SINGLE OP-AMP	T.I.
TL082MFKB	1(0)	DUAL OP-AMP	T.I.
TL084MFKB	1(0)	QUAD OP-AMP	T.I.
TL084MJB	1(0)	QUAD OP-AMP	T.I.
TL494MJB	1(0)	PULSE WIDTH MODULATOR, DUAL UNCOMMITTED	T.I.
TL598MFKB	1(0)	PULSE WIDTH MODULATOR, CONTROL CIRCUIT	T.I.
TL598MJB	1(0)	PULSE WIDTH MODULATOR, CONTROL CIRCUIT	T.I.
TL733MJB	1(0)	DIFFERENTIAL VIDEO AMPLIFIER	T.I.
TL751L05MFKB	1(0)	VOLTAGE REGULATOR, FIXED POSITIVE	T.I.
TL751L12MFKB	1(0)	VOLTAGE REGULATOR, FIXED POSITIVE	T.I.
TL751M05MFKB	3(4)	VOLTAGE REGULATOR, FIXED POSITIVE	T.I.
TL751M12MFKB	1(0)	VOLTAGE REGULATOR, FIXED POSITIVE	T.I.
TLC1225MFKB	1(0)	A/D CONVERTER	T.I.
TLC1225MJB	1(0)	A/D CONVERTER	T.I.
TLC1550MFKB	1(0)	A/D CONVERTER	T.I.
TLC1550MJB	1(0)	A/D CONVERTER	T.I.
TLC271AMFKB	1(0)	OP-AMP - SINGLE	T.I.
TLC271MFKB	1(0)	OP-AMP - SINGLE	T.I.
TLC3702MFKB	1(0)	COMPARATOR - DUAL	T.I.
TLE2082AMFKB	1(0)	OP-AMP DUAL	T.I.
TLO54AMFKB		QUAD OP-AMP	T.I.
TLO54AMJB		QUAD OP-AMP	T.I.
TLO54MFKB		QUAD OP-AMP	T.I.
TLO54MJB		QUAD OP-AMP	T.I.

NOTES:

for section I

- 1/ Manufacturer listed flows are considered proprietary. Listings are to be used as a guideline for customers and should not be considered strict limitations on the manufacturer's ability to produce product outside the QML envelope. The QML can be expanded as the manufacturer produces product to new orders. Product cannot be shipped unless covered by the QML envelope.
- 2/ Package lead counts are listed by the maximum number of leads covered by the qualification. If the manufacturer's package outline drawing is covered by MIL-STD-1835, then the case outline letter will be listed.
- 3/ The manufacturer has certified that the advanced microcircuits listed were/are being built, tested, and shipped, using the certified/qualified lines/flows, processes, and materials, and as defined by a completed Standardized Military Drawing (SMD) or MIL-M-38510 part number are in full compliance with MIL-PRF-38535.
- 4/ Caution. Do not use this number for item acquisition. Items acquired to this number are NOT QML devices and may not satisfy the performance, quality, or reliability requirements of the military.
- 5/ All devices are in the military temperature range -55 to +125°C, unless otherwise specified.
- 6/ Devices found in this table have been found to meet the qualification requirements found in MIL-PRF-38535, but may not be covered by a completed Standardized Military Drawing (SMD) at the time of publication of this document.
- 7/ Devices found in this table meet the qualification requirement of MIL-PRF-38535 but are not covered by a Standardized Microcircuit Drawing (SMD). Please contact Mike Frye (513) 296-5377 concerning the possibility of covering these devices with an SMD.
- 8/ SMD is in the process of being updated to include plastic. Contact DESC-ELD (Mr. Mike Frye/(513)296-5377 or Ms. Monica Poelking/(513)296-8525 for more information.
- 9/ Contact Texas Instruments for plastic package availability for a given device type.

SECTION II (QPL-38510)

The parts that used to be listed in this section are now listed under table I and II of section I. Previously this section listed all manufacturers that have previously met all MIL-M-38510 requirements and will continue to meet all Appendix A MIL-PRF-38535 requirements. It contained manufacturers that initially transitioned to MIL-PRF-38535 and manufacturers that elect to not transition. The manufacturers in either case are authorized to use the military identifier and the "JAN" or "J" quality certification mark in each microcircuit produced on the certified line. However the companies that did not transition will be identified as QPL in correspondence with the part number next to the company name in the tables of section I.

To obtain MIL-M-38510 qualified microcircuits, the procurement document must specify that the microcircuits must be approved for inclusion in QPL-38510 and that the microcircuits shall be marked in accordance with the applicable specification.

Products previously listed in part II of QPL-38510 are considered qualified products. Therefore, manufacturers listed on QPL-38510 shall "JAN" mark and ship the specified part numbered devices for which they are listed, providing all required groups A, B, C, and D quality conformance inspections are performed as specified in paragraphs 30.4.4 and 40.5 of Appendix A MIL-PRF-38535. The groups A, B, C, and D quality conformance inspections must be completed and passed for the inspection period before any JAN lots are shipped.

Products previously listed in Part IV of the QPL are considered qualified products. The intent of this listing is to allow continued procurement of Diminishing JAN Sources (DJS) devices to the same part number for logistics support or completion of system production. These numbers are not JAN devices; they are not intended for use should under no circumstances be used for new design. This listing contains all microcircuits which have been subjected to sufficient tests to demonstrate that they meet the electrical test requirements of this document and the applicable military device specification. Quality conformance inspection for shipment shall be certified according to the Class B requirements of this document and DJS requirements paragraph 30.1.3.36 of Appendix A MIL-PRF-38535. Under no circumstances will the JAN certification mark be put on a DJS device. In addition, the country in which assembly is performed must be marked on the device.

For zero source QPL items, it shall be permissible and, in fact, is encouraged for orders to be placed with manufacturers willing to pursue Part I qualification during the processing of the order so that the delivered product is Part I qualified. The attention of the manufacturers is called to this requirement and manufacturers are urged to arrange to have the products they propose to offer to the Federal Government tested for qualification in order in that they may be eligible to be awarded contracts or orders for the products covered by this specification. Devices that have an end-of-life notice issued by the manufacturer are listed in the notes section at the end of the QPL for your information and convenience.

- NOTES:
- A) For manufacturer(s): Intel and Texas Instruments - all JAN M38510 devices are produced under MIL-PRF-38535 QML system.
 - B) For manufacturer(s): Analog Devices, Harris, Motorola, National Semiconductor, Linfinity Microelectronics, Siliconix, and UTMC - all JAN M38510 devices are produced under the MIL-PRF-38535 QML system under the provisions of transitional certification.

SECTION III
(QML-38535)

This section contains a list of QML manufacturers' military distributors. This information was supplied by the QML manufactures and is provided in QML-38535 as a service from DESC-ELSC. This listing is provided as a service only and is in no way intended to be an endorsement by the Government.

Harris Corporation

Alliance Electronics
7550 E. Redfield Rd.
Scottsdale, AZ 85260
(602) 483-9400

Hamilton/Hallmark
10950 W. Washington Blvd.
Culver City, CA 90230
(310) 558-2000

Arrow/Schweber Electronics Group
25 Hub Dr.
Melville, NY 11747
(516) 391-1300

Zeus Electronics
100 Midland Ave.
Pt. Chester, NY 10573
(914) 933-4200

Intel Corporation

Alliance Electronics
7550 E. Redfield Rd.
Scottsdale, AZ 85260
(800) 608-9494

Anthem
9131 Oakdale Ave.
Chatsworth, CA 91311
(818) 775-1333

Pioneer
60 Crossways Park West
Woodbury, NY 11797
(516) 921-8700

Arrow/Zeus
100 Midland Ave.
Pt. Chester, NY 10573
(800) 524-4735

Hamilton/Hallmark
10950 W. Washington Blvd.
Culver City, CA 90230
(800) 455-5888

Wyle
3000 Bowers Ave.
Santa Clara, CA 95051-0919
(408) 727-2500

Linfinity Microelectronics

ACI Electronics Corporation
200 Newtown Rd.
Plainview, NY 11803
(516) 293-6630

Alliance Electronics
13951 N. Scottsdale Rd. Suite 122
Scottsdale, AZ 85254
(602) 483-9400

Future Electronics Corp.
237 Hymus Blvd.
Point Claire, QE, Canada H9R5C7
(514) 694-7710

JAN Devices Inc.
6925 Canby Ave., Bldg. 109
Reseda, CA 91335
(818) 757-2000

All American
16115 N.W. 52nd Ave.
Miami, FL 33014
(305) 621 8282

Bell Industries, Inc.
11812 San Vicente Blvd., Suite 300
Los Angeles, CA 90049
(310) 826-2355

Jaco Electronics, Inc.
145 Oser Ave.
Hauppauge, NY 11788
(516) 273-5500

Marsh Electronics
1563 S. 101 St.
Milwaukee, WI 53214
(414) 475-6000

Linfinity Microelectronics cont'd

Port Electronics
P.O. Box 668
Tyngsboro, MA 01789
(508) 649-4880

Vantage
23 Sebago St.
Clifton, NJ 07013
(201) 777-4100

Summit Electronics
915 Main St.
Buffalo, NY 14202
(716) 887-2800

Zeus Electronics
100 Midland Ave.
Port Chester, NY 10573
(914) 937-7400

Competitive Components
1200 S. Jones, Suite A4
Las Vegas, NV 89102
(702) 878-7881

Bell Microproducts
1941 Ringwood Ave.
San Jose, CA 95131
(408) 451-9400

National Semiconductor

Alliance Electronics Inc.
7550 East Redfield Rd.
Scottsdale, AZ 85260
(602) 483-9400
FAX: (602) 443-3898

Advent Electronics
682 58th Avenue Court S.W.
Cedar Rapids, IA 52404
(319) 363-0221
FAX: (319) 363-4514

Anthem Electronics
9131 Oakdale Ave.
Chatsworth, CA 91311
(818) 775-1333
FAX: (818) 775-1302

Bell Industries
11728 Linn N.E.
Albuquerque, NM 87123
(505) 275-2819
FAX: (505) 275-2819

Bell Industries
Micro-Mil Division
446 Windsor Park
Dayton, OH 45459
(513) 434-8231
FAX: (513) 434-8103

Gerber Electronics
128 Carnegie Row
Norwood, MA 02062
(617) 769-6000
FAX: (617) 762-8931

Hamilton/Hallmark
4367 So. 36th Place
Phoenix, AZ 85040
(602) 437-1200
FAX: (602) 437-2348

Hamilton/Hallmark-DESC
7760 Washington Village Dr.
Dayton, OH 45459
(513) 439-6735
FAX: (513) 439-6711

Pioneer Standard
4433 Interpoint Blvd.
Dayton, OH 45424
(513) 236-9900
FAX: (513) 236-8133

Pioneer Technology
9100 Gaither Rd.
Githersburg, MD 20877
(301) 921-4255
FAX: (301) 921-4255

Port Electronics
15 Westech Dr.
Tyngsboro, MA 01879
(508) 649-4880
FAX: (508) 649-4919

Radio Incorporated
1000 S. Main St.
Tulsa, OK 74119
(918) 587-9123
FAX: (918) 584-6936

Rochester Electronics
"Obsolete Products"
10 Malcolm Hoyt Dr.
Newburyport, MA 01950
(508) 432-9332
FAX: (508) 462-9512

RM Electronics
4310 Roger B Chaffee
Wyoming, MI 49508
(616) 531-9300
FAX: (616) 531-2990

SEMAD Electronics
85 Spy Court
Markham, Ontario L3R 4Z4
(905) 475-8500
FAX: (905) 475-4158

Seymour Electronics
357 Crossways Park Dr.
Woodbury, NY 11797-2042
(516) 496-7474
FAX: (516) 496-0857

Summit Distributors
916 Main St.
Buffalo, NY 14202
(716) 887-2800
FAX: (716) 887-286

Zentronics/Pioneer
5600 Keaton Crescent
Mississauga, Ontario L5R 3B5
(905) 405-8300
FAX: (905) 405-6330

Zeus Electronics
100 Midland Ave.
Port Chester, NY 10573
(914) 937-7400
FAX: (914) 937-2553

Texas Instruments

Alliance Electronics
7550 East Redfield Rd.
Scottsdale, AZ 85260
POC: Tim Berry
(602) 483-9400

Hamilton/Hallmark
Avnet EMG
60 South McKemy Rd.
Chandler, AZ 85226-3403
POC: Kenneth Sicz
(602) 961-6767

Future Electronics (Canada only)
237 Hymus Blvd.
Point Claire, Quebec H9R 5C7
POC: Gilbert Battistin
(514) 694-7710

Zeus Electronics
100 Midland Ave.
Port Chester, NY 10573
Distribution Center:
50 Horseblock Rd.
Brookhaven, NY 11719
POC: Bill Palladino
(914) 933-4267