

MIL-M-38510/59C
AMENDMENT 2
~~30 September 1988~~
SUPERSEDING
AMENDMENT 1
31 January 1985

MILITARY SPECIFICATION

MICROCIRCUITS, DIGITAL, CMOS, DECODER,
MONOLITHIC SILICON, POSITIVE LOGIC

This amendment forms a part of MIL-M-38510/59C,
dated 30 April 1984, and is approved for use by all
Departments and Agencies of the Department of Defense.

PAGE 1

- * 1.2.3, following case outline F, add the following case:

"N F-5A (16-lead, .440" x .285" x .115"), flat package"

PAGE 3

4.2a: Delete "3.1.9 through 3.1.13" and substitute "initial (pre burn-in)
electrical parameters (3.1.10) through interim (post burn-in) electrical
parameters (3.1.14)".

PAGE 4

4.4.1b: Delete "7".

- * 4.4.1, following paragraph e, add the following:

"f. Subgroups 9 and 11 shall be measured only for initial qualification and
after process or design changes which may affect dynamic performance."

"g. When device types 01 through 03 are qualified by extension (see 4.3.1),
these device types will be inspected (QCI) according to the requirements
for device types 51 through 53, respectively."

PAGE 6

- * TABLE I, t_{PHL1} and t_{PLH1}, min limits: Delete "27" and substitute "20".

PAGE 7

- * TABLE II, class B device column, table III subgroups: Insert "10 and 11".

- * TABLE II, line 12 and 13: Delete and substitute the following:

"	12.	Group D end point electrical parameters method 5005	4.4.4	1,2,3			4.4.4	1,2,3			"
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- * FIGURE 1: Delete "Cases E, F, and Z" and substitute "Cases E, F, N, and Z" for
device types 01 and 51.

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PAGES 19 AND 20

- * TABLE III, t_{pLH1} and t_{pHL1} , min limits: Delete "27", "37", and "27" and substitute "20", "30", and "20", respectively.

PAGES 22 THROUGH 28

- * TABLE III: Delete "Cases E, F, and Z" and substitute "Cases E, F, N, and Z" for device type 51.

PAGE 27

- * TABLE III, t_{pLH1} and t_{pHL1} , min limits: Delete "27", "37", and "27" and substitute "20", "30", and "20", respectively.

PAGE 30

- * 4.4.3c: Delete and substitute the following:

"c. When device types 01 through 03 are qualified by extension (see 4.3.1), these device types will be inspected (QCI) according to the requirements for device types 51 through 53, respectively."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 17
NASA - NA

Review activities:

Army - MI
Air Force - 11, 19, 85, 99
DLA - ES

User activities:

Army - AR, SM
Navy - AS, CG, MC, OS, SH

Preparing activity:

NASA - NA

Agent:

DLA - ES

(Project 5962-1156-9)