

INCH-POUND

MIL-M-38510/54D  
AMENDMENT 2  
30 September 1988  
SUPERSEDING  
AMENDMENT 1  
16 November 1984

MILITARY SPECIFICATION

MICROCIRCUITS, DIGITAL, CMOS, POSITIVE LOGIC,  
FOUR-BIT FULL ADDER, MONOLITHIC SILICON

This amendment forms a part of MIL-M-38510/54D, dated 30 April 1984,  
and is approved for use by all Departments and Agencies of the  
Department of Defense.

PAGE 1

- \* 1.2.3 Add new case outlines as follows:

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

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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)".

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- \* Table II, line number 12: Delete entire line.  
line number 13: Delete "13" and substitute "12".

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- \* Figure 1: Delete "Cases E, F, and Z" and substitute "Cases E, F, N, and Z" for  
device type 51.

PAGES 19 THROUGH 23

- \* Table III, third column: Delete "Cases E, F, Z" and substitute "Cases E, F, N,  
and Z" for device type 51.

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4.4.1b, delete "5 and 6" and substitute "5, 6, and 8".

- \* 4.4.1, add subparagraphs d and e as follows:

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

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

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\* 4.4.3, add subparagraph c as follows:

"c. When the 01 through 03 device types are qualified by extension (see 4.3.1), these device types will be inspected (QCI) according to the 51 through 53 device type requirements 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 5962-1156-5)