

MILITARY SPECIFICATION

MICROCIRCUITS, DIGITAL, BIPOLAR, TTL,
LOW POWER, FLIP-FLOPS, MONOLITHIC SILICON

This amendment forms a part of MIL-M-38510/210, dated
4 January 1988 and is approved for use by all Depart-
ments and Agencies of the Department of Defense.

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TABLE I, low-level input current, I_{IL2} , minimum limits column: Delete "1/" and substitute "-105".

TABLE I, low-level input current, I_{IL4} , minimum limits column: Delete "-60" and substitute "-50".

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TABLE I, short-circuit output current, I_{OS} , conditions column: Delete "2/" and substitute "1".

TABLE I, maximum clock frequency, symbol column: Delete "3/" and substitute "2".

TABLE I, footnote 3/: Delete in its entirety.

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FIGURE 12, note 2: Delete "(pulse G)" and substitute "(pulse G and pulse H)".

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FIGURE 12, note 2, t_{hold} : Delete "0 ns" and substitute "10 ns".

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TABLE III, device type 01, test number 46, \bar{Q} and Q columns: Delete "H" and "L" and substitute "L" and "H", respectively.

TABLE III, device type 01, test number 50, \bar{Q} and Q columns: Delete "H" and "L" and substitute "L" and "H", respectively.

TABLE III, device type 01, test number 54, \bar{Q} and Q columns: Delete "H" and "L" and substitute "L" and "H", respectively.

TABLE III, device type 01, test number 58, \bar{Q} and Q columns: Delete "H" and substitute "L" and "H", respectively.

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TABLE III, device type 03, subgroup 2, delete and substitute "Same tests, terminal conditions and limits as for subgroup 1, except $T_C = +125^\circ\text{C}$ and $I_{IL2} = -105 \mu\text{A min}/-360 \mu\text{A max}$ for Clock 1 and Clock 2."

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TABLE III, device type 03, t_{PHL} , test number 88 CKT B, maximum limits column: Delete "90" and substitute "105".

TABLE III, device type 03, t_{PHL} , test number 89 CKT B, maximum limits column: Delete "90" and substitute "105".

TABLE III, device type 03, t_{PHL} , test number 90 CKT B, maximum limits column: Delete "70" and substitute "75".

TABLE III, device type 03, t_{PHL} , test number 91 CKT B, maximum limits column: Delete "70" and substitute "75".

TABLE III, device type 03, t_{PHL} , test number 96 CKT B, maximum limits column: Delete "70" and substitute "75".

TABLE III, device type 03, t_{PHL} , test number 97 CKT B, maximum limits column: Delete "70" and substitute "75".

TABLE III, device type 03, t_{PHL} , test number 104 CKT B, maximum limits column: Delete "100" and substitute "105".

TABLE III, device type 03, t_{PHL} , test number 105 CKT B, maximum limits column: Delete "100" and substitute "105".

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TABLE III, device type 04, test number 48, Q_2 and Q_1 columns: Delete "L" and substitute "H" (2 places).

TABLE III, device type 04, test number 49, Q_2 and Q_1 columns: Delete "H" and substitute "L" (2 places).

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TABLE III, device type 05, subgroup 2, delete and substitute "Same tests, terminal conditions and limits as for subgroup 1, except $T_C = +125^\circ\text{C}$ and $I_{IL4} = -50 \mu\text{A min}/-180 \mu\text{A max}$ for Preset 1 and Preset 2."

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TABLE III, device type 05, t_{PLH} , test number 86 CKT B, maximum limits column: Delete "65" and substitute "72".

TABLE III, device type 05, t_{PLH} , test number 87 CKT B, maximum limits column: Delete "65" and substitute "72".

TABLE III, device type 05, t_{PHL} , test number 88 CKT B, maximum limits column: Delete "100" and substitute "110".

TABLE III, device type 05, t_{PHL} , test number 89 CKT B, maximum limits column: Delete "100" and substitute "110".

TABLE III, device type 05, t_{PLH} , test number 90 CKT B, maximum limits column: Delete "65" and substitute "72".

TABLE III, device type 05, t_{PLH} , test number 91 CKT B, maximum limits column: Delete "65" and substitute "72".

TABLE III, device type 05, t_{PHL} , test number 92 CKT B, maximum limits column: Delete "100" and substitute "110".

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TABLE III, device type 05, t_{PHL} , test number 93 CKT B, maximum limits column: Delete "100" and substitute "110".

CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 17

Review activities:

Army - AR, MI
Navy - OS, SH, TD
Air Force - 19, 85, 99
DLA - ES

User activities:

Army - SM
Navy - AS, CG, MC

Preparing activity:

Air Force - 17

Agent:

DLA - ES

(Project 5962-1247)