

Introduction

Tables 1 through 7 provide information on military-temperature-range, MIL-STD-883B-qualified, and DESC EPLDs. For detailed information, refer to individual data sheets in this data book, or call Altera Marketing at (408) 984-2800.

MIL-STD-883-compliant product specifications are provided in military product drawings (MPDs) that are available on request from Altera Marketing. An MPD is prepared in accordance with the appropriate military specification format and should be used for preparing Source Control Drawings (SCDs). Refer to *Source Control Drawings* in this data book for a description of SCD generation.

Table 1. Classic Military-Temperature-Range EPLDs

EPLD	Package (1)	t _{PD1} (ns)
EP320	D	45
EP610	D, J	35
EP910	D, J	40
EP1810	J, G	45

Table 2. MAX 5000 Military-Temperature-Range EPLDs

EPLD (2)	Package (1)	t _{PD1} (ns)
EPM5032	D, J	25
EPM5064	J	35
EPM5128	J, G	35
EPM5130	G	35
EPM5192	J, G	35

Notes to tables 1, 2, 3, 4, 5, 6, and 7 are listed on page 375.

Table 3. SAM Military-Temperature-Range EPLDs

EPLD	Package (1)	f _{MAX}
EPS448	D, J	20 MHz

Table 4. Classic MIL-STD-883B-Qualified EPLDs

EPLD	Package (1)	t _{PD1} (ns)	Altera Military Drawing
EP310DM883B	D	50	02D-00179
EP320DM883B	D	45	02D-00209
EP600DM883B	D	55	02D-00194
EP600JM883BX	J	55	02D-00194
EP610DM883B	D	35	02D-00522
EP610JM883BX	J	35	02D-00522
EP900DM883B	D	60	02D-00521
EP900JM883B	J	60	02D-00521
EP910DM883B	D	40	02D-00935
EP910JM883B	J	40	02D-00935
EP1800GM883B	G	75	02D-00509
EP1800JM883B	J	75	02D-00509
EP1810GM883B	G	45	02D-00782
EP1810JM883B	J	45	02D-00782

Table 5. MAX 5000 MIL-STD-883B-Qualified EPLDs

EPLD	Package (1)	t _{PD1} (ns)	Altera Military Drawing
EPM5032DM883B	D	25	02D-00828
EPM5032JM883B	J	25	02D-00828
EPM5128GM883B	G	35	02D-01015
EPM5128JM883B	J	35	02D-01015

Notes to tables 1, 2, 3, 4, 5, 6, and 7 are listed on page 375.

Table 6. Classic DESC EPLDs

EPLD	Package (1)	t _{PD1} (ns)	DESC Order Number
EP310DM883B	D	50	8863501RA
EP600DM883B	D	55	8686401LA
EP600JM883BX	J	55	8686401XX
EP610DM883B	D	35	8947601LX
EP610JM883BX	J	35	8947601XX
EP900DM883B	D	60	8854801QA
EP900JM883B	J	60	8854801XX
EP1800GM883B	G	75	8854902YC
EP1810GM883B	G	45	8946901YC
EP1810JM883B	J	45	8946901XX

Table 7. MAX 5000 DESC EPLDs

EPLD	Package (1)	t _{PD1} (ns)	DESC Order Number
EPM5032DM883B	D	25	90611XXLA
EPM5032JM883B	J	25	90611XXXA
EPM5128GM883B	G	35	89468XXYC
EPM5128JM883B	J	35	89468XXXA

Note to Tables 1, 2, 3, 4, 5, 6 & 7:

- (1) Package configurations:
 D: Windowed ceramic dual in-line package (CerDIP)
 J: Windowed ceramic J-lead chip carrier (JLCC)
 G: Windowed ceramic pin-grid array (PGA)
- (2) These MAX 5000 EPLDs are still being qualified. Contact Altera Marketing for current information.