

PRODUCT DISCONTINUANCE NOTIFICATION

PDN0903

Change Description

This is an update to PDN0903; please see the revision history table for information specific to this update.

Altera will be discontinuing the MAX[®] 7000B, MAX 7000 and MAX 7000S device ordering codes listed in Table 1.

Reason for Change

Sharp EOL of semiconductor supply.

Key Obsolescence Dates:

Date for last order acceptance: July 29, 2009
 Date for last Altera shipments: July 29, 2010

Products Affected

Table 1: Discontinued Ordering Codes and Replacement Information

Discontinued Ordering Code	Pin Compatible Replacement	Replacement for New Designs
EPM7032BUC49-3N	N/A	MAX II CPLDs
EPM7032LC44-10	EPM7064LC44-10	MAX II CPLDs
EPM7032LC44-12	EPM7064LC44-12	MAX II CPLDs
EPM7032LC44-15	EPM7064LC44-15	MAX II CPLDs
EPM7032LC44-15T	EPM7064LC44-12	MAX II CPLDs
EPM7032LC44-6	EPM7064SLC44-6	MAX II CPLDs
EPM7032LC44-7	EPM7064SLC44-7	MAX II CPLDs
EPM7032LI44-10	EPM7064SLI44-7	MAX II CPLDs
EPM7032LI44-12	EPM7064SLI44-7	MAX II CPLDs
EPM7032LI44-15	EPM7064LI44-15	MAX II CPLDs
EPM7032QC44-10	N/A	MAX II CPLDs
EPM7032QC44-12	N/A	MAX II CPLDs
EPM7032QC44-15	N/A	MAX II CPLDs

Table 1 continued

Discontinued Ordering Code	Pin Compatible Replacement	Replacement for New Designs
EPM7032QC44-7	N/A	MAX II CPLDs
EPM7032TC44-10	EPM7064STC44-10	MAX II CPLDs
EPM7032TC44-12	EPM7064STC44-10	MAX II CPLDs
EPM7032TC44-15	EPM7064TC44-15	MAX II CPLDs
EPM7032TC44-6	N/A	MAX II CPLDs
EPM7032TC44-7	EPM7064TC44-7	MAX II CPLDs
EPM7032TI44-15	N/A	MAX II CPLDs
EPM7032SLC44-10	EPM7064SLC44-10	MAX II CPLDs
EPM7032SLC44-10N	EPM7064SLC44-10N	MAX II CPLDs
EPM7032SLC44-5	EPM7064SLC44-5	MAX II CPLDs
EPM7032SLC44-5N	EPM7064SLC44-5N	MAX II CPLDs
EPM7032SLC44-6	EPM7064SLC44-5	MAX II CPLDs
EPM7032SLC44-6N	EPM7064SLC44-5N	MAX II CPLDs
EPM7032SLC44-7	EPM7064SLC44-6	MAX II CPLDs
EPM7032SLC44-7N	EPM7064SLC44-5N	MAX II CPLDs
EPM7032SLI44-7	EPM7064SLI44-7	MAX II CPLDs
EPM7032SLI44-7N	EPM7064SLI44-7N	MAX II CPLDs
EPM7032STC44-10	EPM7064STC44-10	MAX II CPLDs
EPM7032STC44-10F	EPM7064STC44-10F	MAX II CPLDs
EPM7032STC44-10FN	EPM7064STC44-10FN	MAX II CPLDs
EPM7032STC44-10N	EPM7064STC44-10N	MAX II CPLDs
EPM7032STC44-5	EPM7064STC44-5	MAX II CPLDs
EPM7032STC44-5N	EPM7064STC44-5N	MAX II CPLDs
EPM7032STC44-6	EPM7064STC44-5	MAX II CPLDs
EPM7032STC44-7	EPM7064STC44-6	MAX II CPLDs
EPM7032STC44-7F	EPM7064STC44-6	MAX II CPLDs
EPM7032STC44-7N	EPM7064STC44-6N	MAX II CPLDs
EPM7032STI44-7	EPM7064STI44-7	MAX II CPLDs
EPM7032STI44-7N	EPM7064STI44-7N	MAX II CPLDs

Notes on Replacement Components

- In most instances, the 7032 device can be replaced by the equivalent 7064 device. Likewise, the 7032S can be replaced by the equivalent 7064S device. It is also possible to replace the 7032 device with a 7064S device.
- All substitutions require the design to be recompiled to ensure all timing requirements are met.
- Same package foot print from discontinued to pin-compatible replacement
- Same power, ground, JTAG and dedicated input pins
- Use of higher speed rating recommended for -6 and -7 speed grade
 - If a higher speed rated part does not exist, we recommend trying the equivalent device with the identical speed rating
- There may be some differences in a few timing parameters depending on device
- Power consumption of pin-compatible replacement is as much as 2X higher due to device size
- Requires recompilation of existing design for new POF

Contact

Please contact your local Altera sales representative if you require additional information regarding this discontinuance.

Revision History

Date	Rev	Description
01/29/2009	1.0.0	Initial Release
06/08/2009	1.0.1	Added EPM7032BUC49-3N as a discontinued ordering code. Updates made to some replacement devices and notes.

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