



PROCESS CHANGE NOTIFICATION EPF6016 & FLEX 10K FAMILY PROCESS MIGRATION

Overview

Altera's EPF6016 devices and FLEX 10K devices will be manufactured on a 0.42- μ process at WaferTech, providing an additional source of supply. This process is a linear shrink of the existing 0.5- μ process. The new dies will be pin-, function-, timing-, and programming file-compatible with existing versions of the EPF6016 and FLEX 10K products.

Implementation

Altera will begin the move to the 0.42- μ process for all EPF10K50 device/package combinations in July, 1999. Schedules for substitution of other FLEX products will be provided in future notifications.

Devices produced on the 0.42- μ process can be distinguished by the second (β), fourth, and fifth ($\alpha\alpha$) digits of the Altera lot number, which is marked on the bottom of the device, or by the characters preceding the Altera date code, which is marked on the top side of the device.

Lot Number	Topside Date Code
L β Z $\alpha\alpha$ #####	X β Z $\alpha\alpha$ YYWW

Device	β	$\alpha\alpha$	Lot Number Example	Date Code Example
EPF10K50	E	56	NEA <u>56</u> 1234	AEA <u>56</u> YYWW
EPF6016	B	56	NBA <u>56</u> 1234	ABA <u>56</u> YYWW

For additional information regarding the changes described in this document, contact your local Altera sales representative. Initial qualification* and characterization data will be available in March, 1999.

* Qualifications reports are available upon request. Contact Altera's Customer Quality Manager at (408) 544-7563 for more details.