



PROCESS CHANGE NOTIFICATION EPF10K50E AND EPF10K200E DEVICE PROCESS MIGRATION

Altera's EPF10K50E and EPF10K200E devices will be manufactured on a 0.22-micron process at WaferTech. This process is a linear shrink of the existing 0.25-micron process, using the same equipment and process flow. These devices will be pin-, function-, timing-, and programming file-compatible with existing 0.25-micron versions of the EPF10K50E and EPF10K200E products.

Altera will begin the transition to the 0.22-micron process for all EPF10K50E and EPF10K200E ordering codes on November 1, 1999. After November 1, 1999 customers may receive devices from either the 0.22-micron or 0.25-micron process.

Devices produced on the 0.22-micron process can be distinguished by the second (β), fourth and fifth ($\alpha\alpha$) characters 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
EPF10K50E	B	58	L <u>BZ58</u> #####	X <u>BZ58</u> YYWW
EPF10K200E	B	58	L <u>BZ58</u> #####	X <u>BZ58</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 on August 1, 1999. Contact Altera's Customer Quality Engineering Manager at (408) 544-7563 for more details.