



PROCESS CHANGE NOTIFICATION FLEX 6000 DEVICES

Overview

Altera's FLEX 6000 devices will be manufactured on a 0.30- μ process at WaferTech, a TSMC and Altera joint venture. This process is a linear shrink of the existing 0.35- μ process, using the same equipment and process flow. The new products will be pin-, function-, timing-, and programming file-compatible with existing 0.35- μ versions of the FLEX 6000 products.

Implementation

Altera will begin the transition to the 0.30- μ process for all EPF6010A, EPF6016A, and EPF6024A ordering codes in July, 1999.

Devices produced by the 0.30 μ process may be distinguished by the second (β), fourth and fifth ($\alpha\alpha$) digit characters of the Altera lot number, which is marked on the bottom of the units, or by the characters preceding the Altera date code, which is marked on the top of the units.

| 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 |
|----------|---------|----------------|--------------------|--------------------|
| EPF6010A | C | 50 | NCA <u>50</u> 1234 | ACA <u>50</u> YYWW |
| EPF6016A | C | 50 | NCA <u>50</u> 1234 | ACA <u>50</u> YYWW |
| EPF6024A | C | 50 | NCA <u>50</u> 1234 | ACA <u>50</u> YYWW |

If you need additional information regarding the changes described in this document, please contact your local Altera sales representative. Qualification data* are available upon request, and characterization data will be available in March, 1999.

* Please contact Altera's Customer Quality Manager at (408) 544-7563 for more details.