

PRODUCT CHANGE NOTIFICATION

Overview

The MAX 9000 product family is being transitioned to a 0.65 micron process. This change will improve Altera's ability to support the product line on a long-term basis. The new die revisions will be pin, function, timing and programming-file compatible with existing die revisions. This notification addresses Altera's intent to substitute 0.65 micron die into the MAX 9000 devices that currently use larger critical-dimension die.

Implementation

Altera will begin die substitution for the EPM9560 on May 15, 1996. After this date, Altera may use either existing die or 0.65 micron die in EPM9560 devices.

In all cases of die substitution, the 0.65 micron process may be distinguished by the fourth digit character of the nine character lot number, which is marked on the backside of the device. The 0.65 micron process is identified by a 9.

Altera will transition other MAX 9000 devices to a 0.65 micron process per the following approximate schedule:

<u>Device</u>	<u>Month</u>
EPM9320	October 1996
EPM9480	July 1996

The EPM9400 device was introduced on the 0.65 micron process and is unaffected by this PCN.

This 0.65 micron process was previously qualified using the MAX 7000 product family. Reliability results will be provided, upon request, for each MAX 9000 product transitioned to the 0.65 micron process.

If you have any questions or require additional information regarding the changes described herein, please contact your local Altera sales representative.