CUSTOMER ADVISORY
ADV0804

TSMC WAFER FABRICATION SITES FOR THE STRATIX III FPGA FAMILY

Description

Altera will begin shipping Stratix® III FPGAs out of two Taiwan Semiconductor Manufacturing Company (TSMC) wafer fabrication sites: FAB 12, located in Hsinchu, Taiwan, and FAB 14, located in Tainan, Taiwan. The Stratix III FPGA family is manufactured using the 65-nm process technology. Altera is currently qualifying both fabrication sites simultaneously.

Qualification data collected from both sites will demonstrate that Altera's process technology, quality, reliability, and product performance requirements have been achieved.

Advantage

Altera will utilize both fabs to ensure product availability and to be in a better position to meet long-term customer demand.

Products Affected

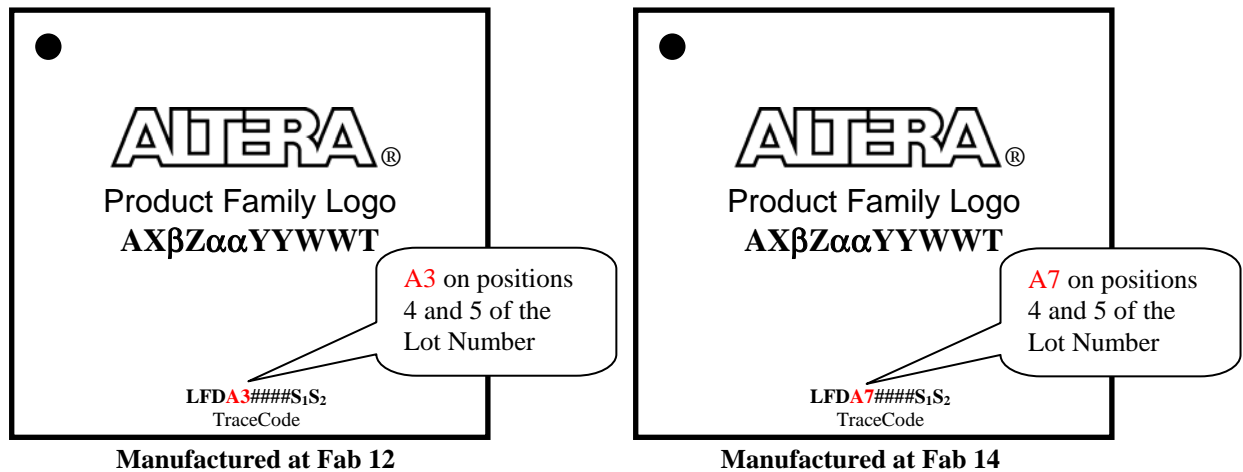Table 1 lists the products affected by this advisory. A list of ordering part numbers is available upon request.

Table 1. Products scheduled to ship from either TSMC FAB 12 or FAB 14

Product Family		Products Affected
Logic Family	EP3SL50	All Ordering Part Numbers
	EP3SL70	All Ordering Part Numbers
	EP3SL110	All Ordering Part Numbers
	EP3SL150	All Ordering Part Numbers
	EP3SL200	All Ordering Part Numbers
	EP3SL340	All Ordering Part Numbers
Enhanced Family	EP3SE50	All Ordering Part Numbers
	EP3SE80	All Ordering Part Numbers
	EP3SE110	All Ordering Part Numbers
	EP3SE260	All Ordering Part Numbers

Product Traceability

Stratix III FPGA devices manufactured at TSMC FAB 12 are marked with **A3** and those manufactured at FAB 14 are marked with **A7** on the lot number. See Figure 1.

Figure 1. Fabrication Site Location Marking

ALTERA ®
Product Family Logo
AXβZααYYWWT

A3 on positions 4 and 5 of the Lot Number

LFD**A3**####S₁S₂
TraceCode

Manufactured at Fab 12

ALTERA ®
Product Family Logo
AXβZααYYWWT

A7 on positions 4 and 5 of the Lot Number

LFD**A7**####S₁S₂
TraceCode

Manufactured at Fab 14

Qualification Data

Qualification data is scheduled to be available in July 2008.

Contact

For more information, please contact your local Altera sales representative or Altera Customer Quality Engineering at customer-quality@altera.com.

In accordance with JESD46-C, this change is deemed acceptable to the customer if no acknowledgement is received within 30 days from this notification.

Revision History

Date	Rev	Description
03/05/2008	1.0.0	Initial Release