



CUSTOMER ADVISORY ADV0201 NON-BGA PACKAGE TOP MARK ENHANCEMENT

Change Description:

Altera will begin marking the assembly lot number and a one-line internal traceability code on all non-BGA packages beginning March 2002.

Reason For Change:

The assembly lot number and new internal traceability marking code will be laser or ink marked on the top of all non-BGA packages for enhanced traceability integrity and allow the removal of marking on the bottom of the device. All other areas of Altera's marking will continue to be marked in ink.

Products Affected and Exceptions:

All products assembled in non-BGA packages. **Exceptions:** CERDIP, PGA, JLCC, PDIP packages and QFP packages less than 14mm in dimensions.

Package Marking Format Examples and Transition Date:

Altera will begin transitioning to this new non-BGA package topmark format effective March 25, 2002. After this date customers may receive units marked with the old or the new format.



Old Mark Format



New Mark Format



New Mark Format
RQFP Only

For additional information regarding the changes described in this document, please contact the Altera Customer Quality Engineering Department at (408) 544-6933.