



## **CUSTOMER ADVISORY**

### **BGA PACKAGE TOP MARK ENHANCEMENT**

Altera will begin marking a one-line internal traceability code on all BGA packages beginning January 2001. The Altera lot number, country of origin, and new internal marking code will be laser marked, or ink marked, on the top of all BGA packages for added traceability integrity. All other areas of Altera's marking will continue to be marked in ink.

Altera will begin transitioning to this new BGA topmark format effective January 14, 2001.



Old Mark Format



New Mark Format

The alphanumeric marking traceability code consists of characters that detail die, package, assembly specifics, and manufacturing year & workweek.

For additional information regarding the changes described in this document, please contact your local Altera sales representative or Altera customer quality engineering at (408) 544-7563.