



**CUSTOMER ADVISORY**  
**ADDITIONAL SOURCE OF SUPPLY FOR CONFIGURATION DEVICES**

Altera is adding TSMC as a supply source for the EPC1, EPC1064, EPC1064V, EPC1213, and EPC1441 devices.

This change improves Altera's ability to support the increasing demand for the EPC1, EPC1064, EPC1064V, EPC1213, and EPC1441 devices. A schedule for the inclusion of TSMC is shown below:

Device	Inclusion Date*
EPC1	March 1, 1999
EPC1064	June 1, 1999
EPC1064V	June 1, 1999
EPC1213	June 1, 1999
EPC1441	June 1, 1999

The TSMC Fab 2 process can be distinguished by the second ( $\beta$ ), fourth, and fifth ( $\alpha\alpha$ ) digits of the Altera lot number, which is marked on the bottom of the device, or by the characters preceding the Altera date code, which is marked on the top of the device.

Backside Lot Number	Topside Date Code
L $\beta$ Z $\alpha\alpha$ #####	X $\beta$ Z $\alpha\alpha$ YYWW

Device	$\beta$	$\alpha\alpha$	Lot Number Examples	Date Code Example
EPC1	E	52	LEZ52#####	XEZ52YYWW
EPC1064	F	52	LFZ52#####	XFZ52YYWW
EPC1064V	F	52	LFZ52#####	XFZ52YYWW
EPC1213	F	52	LFZ52#####	XFZ52YYWW
EPC1441	F	52	LFZ52#####	XFZ52YYWW

If you have any questions regarding this update, contact your local Altera sales representative.

\* Qualification reports are available upon request. Please contact Altera's Customer Quality Engineering Manager at (408) 544-7563 for more details.