



CUSTOMER ADVISORY
FLEX 10K ADDITIONAL SOURCE OF SUPPLY

Altera is adding TSMC's Fab 4 as an additional source of supply for FLEX 10K products currently run at TSMC's Fab 3. TSMC's Fab 4 will utilize the same stepping, facilities, equipment sets, and process technology as the existing Fab 3 operation. This change improves Altera's ability to support the increasing demand for FLEX 10K products. A schedule for the inclusion of TSMC Fab 4 is shown below:

Device	Inclusion Date**
EPF10K30	December 1, 1997
EPF10K50	December 1, 1997

The TSMC Fab 4 process may be distinguished by the second (β), fourth and fifth ($\alpha\alpha$) digit characters of the Altera lot number, which is marked on the backside of the device, or by the characters preceding the Altera date code, which is marked on top of the device.

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

Device	β	$\alpha\alpha$	Lot Number Examples	Date Code Example
EPF10K30	B	36 or 37	LBZ <u>36</u> #####	XBZ <u>36</u> YYWW
			LBZ <u>37</u> #####	XBZ <u>37</u> YYWW
EPF10K50	D	36 or 37	LDZ <u>36</u> #####	XDZ <u>36</u> YYWW
			LDZ <u>37</u> #####	XDZ <u>37</u> YYWW

Other FLEX 10K Devices are planned to be moved to TSMC Fab 4 in 1998.

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

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