

Process Change Notification PCN98003

The Xilinx XC9500 Product Family will be manufactured in the 0.5 μ M Flash Process at UMC

Subject: The Xilinx XC9500 Product Family will be manufactured in the 0.5 μ M Flash Process at UMC.

Products Affected: Xilinx previously announced qualification of UMC as a foundry partner in May 1996, qualifying the XC4000E and XC4000EX families of products at that time, with later extensions planned to other product families. This is one such extension. The XC9500 product family will now be produced in the 0.5 μ M Flash process at UMC.

Change Description: This offering from UMC will be fabricated in the 0.5 μ M triple metal Flash CMOS Process. Currently XC9500 product is produced in the 0.6 μ M double metal Flash Process at Seiko. There will be no affect on the form, fit or function of the device as a result of this change.

Reason for Change: This change to the process technology for the XC9500 is being made to ensure that Xilinx maintains the ability to meet our customer's requirements for speed and product availability, to establish additional fabrication capacity for this product line, and to improve our future product roadmaps.

Key Dates: Qualification of UMC for the Flash Process was completed utilizing the XC95144 ([data attached](#)). An initial quality audit of this wafer fab was successfully conducted along ISO9000 requirements in November 1995 with follow-up audits annually since that time. Engineering samples of devices fabricated at UMC and final qualification data will be made available according to the schedule below.

	Samples	Qual Data
XC9536	1/99	1/99
XC9572	11/98	11/98
XC95108	8/98	8/98
XC95144	today	attached
XC95216	10/98	10/98
XC95288	3/99	3/99

Product specifically manufactured with the older 0.6 μ M Flash Process at Seiko can be ordered up to 12 months after the availability of the above samples, with delivery scheduled up to 15 months after sample availability. Please contact your Xilinx sales representative for details.

Traceability: Product manufactured at UMC carries the designation "M" as the second letter in the product marking code (part of the topside date code marking).

Immediate response to this notification is not required. For any questions regarding this PCN you may contact Xilinx at "pcn@xilinx.com", or by FAX at 408 559 1368.