

Product Change Notice PCN99008

A Change to the Icc Standby Specification of XC1702L and XC1704L Products (all Packages)

Subject: Product Change Notification PCN99008 - A Change to the Icc Standby Specification of XC1702L and XC1704L Products (all Packages)

Change Description: Increase in Icc Standby from 50 μ A to 350 μ A

Products Affected: All XC1702L and XC1704L Product in all packages.

Reason For Change: Xilinx is addressing a T_{CE} speed issue that occurs only under the following conditions:

1. XC1702L or XC1704L is used as the second or subsequent part in a cascaded chain
2. And the configuration speed is 7.5 MHz or higher
3. And the first bit of the second or subsequent part in the cascaded chain is programmed to a zero.

The solution to this speed problem necessitated a circuit design change, which increased the Icc standby current.

Key Dates: Xilinx has evaluation quantities of this product available today. Standard production utilizing the new design will start shipping on 1 January 2000. This change will not affect the electronic ID of the part and will not require an update of your programming algorithm.

Traceability: All products shipped with a year 2000 date code or later will be of the new design.

Response: No response to this notification is required. Requests for additional data or support should be made within 90 days of notification. Please address any question you may have via email at pcn@xilinx.com or directly by fax at 408 559 1368.