



## XC4VLX60 FF1148 Package Construction Change

XCN05016 (v1.0) October 3, 2005

Product Change Notification

### Overview

The purpose of this notification is to announce a package change in the XC4VLX60 FF1148 production devices.

### Description

XC4VLX60 FF1148 production devices will be converted to a new package construction that demonstrates equivalent to better device signal integrity and power performance. The change consists of the following:

- Use of low-inductance IDC capacitors
- Addition of one ground-power plane pair
- Modified material for silicon-to-lid and lid-to-packing substrate

### Products Affected

The XC4VLX60 FF1148 production device (all C and I grades with standard ordering part number) with the new package construction will begin shipping on January 3, 2006.

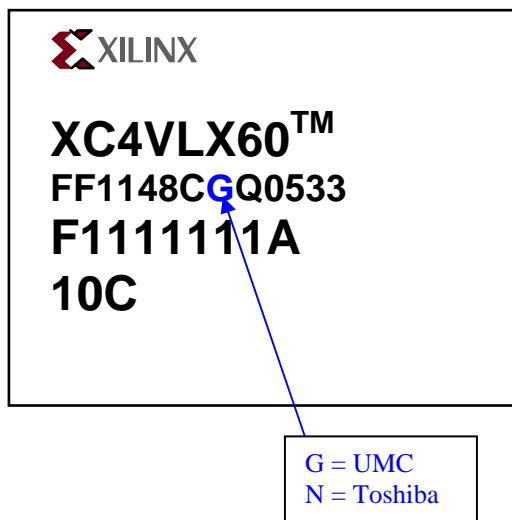
XC4VLX60-10FF1148C  
XC4VLX60-10FF1148I

XC4VLX60-11FF1148C  
XC4VLX60-11FF1148I

### Traceability

Customers who immediately want to transition to the new package construction devices should use SCD0996 ordering code. The SCD device ordering code will not be marked on the device. SCD0996 will become obsolete after the 90-day PCN period. To use SCD0996, append "0996" to the end of the standard ordering part number (e.g., XC4VLX60-10FF1148C**0996**).

XC4VLX60-FF1148 devices marked with a date code starting with 0533 or higher will consist of only new package construction material.



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## Response

No response from the customer is required. Data on the new package construction material is available upon request. Please contact your [Xilinx Technical Support](#) if you have any questions.

## Revision History

The following table shows the revision history for this document.

Date	Version	Revision
10/03/05	1.0	Initial Release