



# Product Discontinuation Notice

## Virtex-4 LX25 FPGA FF(G)676 Devices

XCN09028 (v1.2) May 5, 2010

Product Discontinuation Notice

### Overview

The purpose of this notification is to communicate the discontinuance of the FF676 and FFG676 packages of the Virtex®-4 LX25 FPGA devices.

### Description

Due to raw material supply constraints for the FF676 and FFG676 product packages, Xilinx's substrate manufacturer will stop supporting the laser substrate for these packages by Nov 20th 2009. Xilinx will order extra substrates prior to Nov 20th 2009 to cover the estimated customer Last Time Buy (LTB) quantities expected and in response to this notification.

### Products Affected

This change affects all speed, package, and temperature variations of the commercial (C) and industrial (I) grade devices in the FF676 and FFG676 packages of the XC4VLX25 FPGA device. The affected part numbers are listed in [Table 1](#) and [Table 2](#). All SCDs associated with the listed part numbers are included in this notice (see Appendix A).

Table 1: Virtex-4 FPGA Products Affected

Xilinx Product	Replacement Parts	Xilinx Product	Replacement Parts
XC4VLX25-10FF676C	No direct replacement	XC4VLX25-10FF676CS2	No direct replacement
XC4VLX25-10FF676I	No direct replacement	XC4VLX25-10FFG676CS2	No direct replacement
XC4VLX25-10FFG676C	No direct replacement	XC4VLX25-11FF676CS2	No direct replacement
XC4VLX25-10FFG676I	No direct replacement	XC4VLX25-11FFG676CS2	No direct replacement
XC4VLX25-11FF676C	No direct replacement	XC4VLX25-12FF676CS2	No direct replacement
XC4VLX25-11FF676I	No direct replacement	XC4VLX25-12FFG676CS2	No direct replacement
XC4VLX25-11FFG676C	No direct replacement	XC4VLX25-10FF676IS2	No direct replacement
XC4VLX25-11FFG676I	No direct replacement	XC4VLX25-10FFG676IS2	No direct replacement
XC4VLX25-12FF676C	No direct replacement	XC4VLX25-11FF676IS2	No direct replacement
XC4VLX25-12FFG676C	No direct replacement	XC4VLX25-11FFG676IS2	No direct replacement

### Key Dates and Ordering Information

Final orders are accepted until Apr 26, 2010.  
Final deliveries must occur on or before Oct 25, 2010.  
Last RMA case request: Apr 25, 2011.

### Recommendations

Xilinx recommends customers to place their LTB orders by Nov 12<sup>th</sup>, 2009 as the supplier will stop supporting the laser substrate on Nov 20<sup>th</sup>, 2009.

## Appendix 'A' – SCD Parts Affected

Table 2: Virtex-4 FPGA SCD Parts Products Affected

Xilinx Product	Replacement Parts	Xilinx Product	Replacement Parts
XC4VLX25-10FF676C0988	No direct replacement	XC4VLX25-10FF676C0998	No direct replacement
XC4VLX25-10FF676I0988	No direct replacement	XC4VLX25-10FF676I0998	No direct replacement
XC4VLX25-11FF676C0988	No direct replacement	XC4VLX25-11FF676C0998	No direct replacement
XC4VLX25-11FF676I0988	No direct replacement	XC4VLX25-11FF676I0998	No direct replacement
XC4VLX25-12FF676C0988	No direct replacement	XC4VLX25-12FF676C0998	No direct replacement

## Response

Customers are requested to place last-time-buy orders in a timely manner prior to the key dates listed above to avoid product availability issues. If you anticipate that your last time buy requirements will exceed the current rate, please provide your Xilinx Sales Representative with a forecast of the requirements. All orders will be supported on a first-come, first-served basis with the non-cancellable and non-returnable (NCNR) condition. For additional information or questions, contact your local Xilinx Sales representative.

**Important Notice:** Xilinx Customer Notifications (XCNs, XDNs, and Quality Alerts) can be delivered via e-mail alerts sent by the Support website (<http://www.xilinx.com/support>). Register today and personalize your "Documentation and Design Advisory Alerts" area to include Customer Notifications. Xilinx Support provides many benefits, including the ability to receive alerts for new and updated information about specific products, as well as alerts for other publications such as data sheets, errata, application notes, etc. For information on how to sign up, refer to [Xilinx Answer Record 18683](#).

## Revision History

The following table shows the revision history for this document.

Date	Version	Revision
10/19/09	1.0	Initial release.
12/16/09	1.0.1	Minor typo correction on the spec footer.
04/02/10	1.1	Removed XC4VLX25-10FF676C0968, XC4VLX25-10FF676I0968, XC4VLX25-11FF676C0968, XC4VLX25-11FF676I0968 and XC4VLX25-12FF676C0968 from Table 2. These parts have already been PDN'd on XCN08011.
05/05/10	1.2	Added missing part: XC4VLX25-11FFG676IS2 to table 1.

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