



## Circuit Revision Change to the XC9500XL Family of CPLD Devices

PCN2004-25 (v1.1) January 24, 2005

Product/Process Change Notice - FYI

### Overview

The purpose of this notification is to communicate a circuit revision change to the XC9500XL™ family of CPLD devices.

### Description

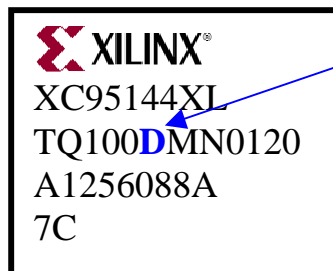
As part of the Xilinx continuous improvement process, a new circuit revision is being released for each member of the XC9500XL family of CPLD devices. This new circuit revision increases the tolerance of the configuration circuitry to non-monotonic power supply ramps and provides a more robust solution in customer applications. This revision is backward compatible to the revision C material that is currently shipping in production. The new circuit revision can be identified by design circuit revision code D (see *Traceability* below).

### Products Affected

This change affects all package, temperature, and speed grade combinations of all XC9500XL family members – XC9536XL, XC9572XL, XC95144XL, and XC95288XL.

### Traceability

The design circuit revision code on the package topmark can be found as shown below.



Design Circuit  
Revision Code

### Key Dates

See below for first production shipments by family member. Customers should expect to receive devices of both circuit revisions until inventory of the earlier circuit revision is depleted.

| Family Member | First Production Shipments |
|---------------|----------------------------|
| XC9536XL      | January 2005               |
| XC9572XL      | Late October 2004          |
| XC95144XL     | Late October 2004          |
| XC95288XL     | January 2005               |

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## Recommendation

No response is required to this PCN. For additional information or questions, please contact [Xilinx Technical Support](#).

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## Revision History

The following table shows the revision history for this document.

| Date       | Version | Revision  |
|------------|---------|---|
| 10/11/2004 | 1.0     | Initial release.  |
| 01/24/2005 | 1.1     | Remove reference to SCD0768 since these part numbers will not transition to circuit revision D. |