

Overview

The purpose of this notification is to communicate a circuit revision change to the CoolRunner™ XPLA3™ family of CPLD devices.

Description

As part of the Xilinx continuous improvement process, new circuit revisions are being released for the XPLA3 family of CPLD devices. These circuit revisions resolve the device behavior described in errata [DS012-E10*](#) and enable a more robust solution in customer applications. These revisions are backward compatible to the material that is currently shipping in production and can be identified by design circuit revision codes in the table provided in the *Key Dates* section of this Notice.

*Please note that to view erratas, you must be a registered user with the Xilinx [MySupport](#) web site.

Products Affected

This change affects all package and speed grade combinations of the XPLA3 family of CPLD devices.

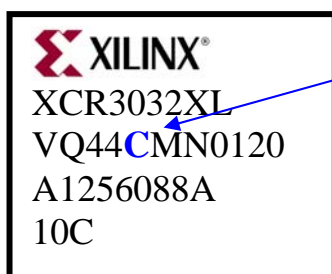
Key Dates

The XCR3064XL new circuit revision code is currently in production. Additional family members will be released to production in the near future, per the table below. Customers should expect to receive devices of both circuit revisions until inventory of the earlier circuit revision is depleted. The new design circuit revision codes by family member are as follows:

| Family Member | Circuit Revision Code | Production Availability |
|---------------|-----------------------|-------------------------|
| XCR3032XL | C | January 2005 |
| XCR3064XL | D | Now |
| XCR3128XL | C | January 2005 |
| XCR3256XL | C | Q2 2005 |
| XCR3384XL | C | Q2 2005 |
| XCR3512XL | C | Q2 2005 |

Traceability

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



Design Circuit
Revision Code

Recommendation

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

Important Notice: Xilinx Customer Notifications (PCN, PDN, and Quality Alerts) can be delivered via e-mail alerts sent by the MySupport website (<http://www.xilinx.com/support>). Register today and personalize your "MyAlerts" to include Customer Notifications. This change 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, and so forth. For instructions 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 |
|-----------|---------|--|
| 8/30/2004 | 1.0 | Initial release. |
| 11/8/2004 | 2.0 | Updated availability dates: <ul style="list-style-type: none">• For XCR3032XL change from March 2005 to January 2005.• For XCR3128XL change from December 2004 to January 2005. |