



Product Discontinuation Notice

XCN08011 (v1.0) October 13, 2008

Product Discontinuation Notice

Overview

The purpose of this notification is to communicate that Xilinx is discontinuing certain XC3000, XC4000XL, XC5206, Virtex[®], Spartan[®]-3 products, and Aerospace & Defense “XQ” products.

Description

As part of Xilinx regular product pruning activities, the following XC3000, XC4000XL, XC5206, Virtex, Spartan-3, and Aerospace & Defense “XQ” products have been identified for obsolescence.

A list of special products under SCDs that are affected by this notice are also listed in this notice (see [Appendix A – SCD Parts Affected](#)).

This notice should be used in conjunction with previous discontinuance notices which can be found at: http://www.xilinx.com/support/documentation/customer_notices.htm.

Key Dates and Ordering Information

Final orders are accepted until October 13, 2009.

Final deliveries must occur on or before April 13, 2010.

RMAs will be accepted until October 13, 2010.

Products Affected

Standard products affected include all SCDs associated with the part numbers listed in this notice.

1. [Spartan-3 Products Affected](#)
2. [Virtex-II Pro X Products Affected](#)
3. [XC3000 Products Affected](#)
4. [XC4000XL Products Affected](#)
5. [XC5206 Products Affected](#)
6. [Aerospace & Defense Products Affected](#)
7. [Aerospace & Defense “XQ” Products Affected](#)
8. [Virtex-E Products Affected](#)
9. [Virtex-4 Products Affected](#)
10. [Appendix A - SCD Parts Affected](#)

Notes: SCD part numbers based on these base part numbers will also be affected (see [Appendix A – SCD Parts Affected](#) at the end of this PDN). Please contact your local Xilinx sales representative if you have additional questions regarding the part discontinuances.

Table 1: Spartan-3 Products Affected

Part Number	Replacement Part
XC3S50-4CP132C	XC3S100E-4CP132C
XC3S50-4CP132I	XC3S100E-4CP132I
XC3S50-4CPG132C	XC3S100E-4CPG132C

Part Number	Replacement Part
XC3S50-4CPG132I	XC3S100E-4CPG132I
XC3S50-5CP132C	XC3S100E-5CP132C
XC3S50-5CPG132C	XC3S100E-5CPG132C

Table 2: Virtex-II Pro X Products Affected

Part Number	Replacement Part
XC2VPX20-5FF896C	* No direct replacement
XC2VPX20-5FF896I	* No direct replacement
XC2VPX20-5FFG896C	* No direct replacement
XC2VPX20-5FFG896I	* No direct replacement

Part Number	Replacement Part
XC2VPX20-6FF896C	* No direct replacement
XC2VPX20-6FF896I	* No direct replacement
XC2VPX20-6FFG896C	* No direct replacement
XC2VPX20-6FFG896I	* No direct replacement

*Notes:

- 1) There is no drop in replacement; devices in the Virtex-4 FX, Virtex-5 LXT, and Virtex-5 FXT are suitable replacements, but are not pin-out compatible.
- 2) All SCDs associated with these part numbers will also be affected.

Table 3: XC3000 Products Affected (All Devices in this product line are affected.)

Part Number	Replacement Part
XC3020A-6PC68C	* No direct replacement
XC3020A-6PC84C	* No direct replacement
XC3020A-7PC68C	* No direct replacement
XC3020A-7PC68I	* No direct replacement
XC3020A-7PC84C	* No direct replacement
XC3020A-7PC84I	* No direct replacement
XC3030A-6PC68C	* No direct replacement
XC3030A-6PC84C	* No direct replacement
XC3030A-6PQ100C	* No direct replacement
XC3030A-6VQ100C	* No direct replacement
XC3030A-7PC68C	* No direct replacement
XC3030A-7PC68I	* No direct replacement
XC3030A-7PC84C	* No direct replacement
XC3030A-7PC84I	* No direct replacement
XC3030A-7PQ100C	* No direct replacement
XC3030A-7PQ100I	* No direct replacement
XC3030A-7VQ100C	* No direct replacement
XC3030A-7VQ100I	* No direct replacement
XC3030A-7VQG100C	* No direct replacement
XC3042A-6PC84C	* No direct replacement
XC3042A-6PQ100C	* No direct replacement
XC3042A-6VQ100C	* No direct replacement

Part Number	Replacement Part
XC3042A-7PC84C	* No direct replacement
XC3042A-7PC84I	* No direct replacement
XC3042A-7PQ100C	* No direct replacement
XC3042A-7PQ100I	* No direct replacement
XC3042A-7VQ100C	* No direct replacement
XC3042A-7VQ100I	* No direct replacement
XC3064A-6PC84C	* No direct replacement
XC3064A-6PQ160C	* No direct replacement
XC3064A-6TQ144C	* No direct replacement
XC3064A-7PC84C	* No direct replacement
XC3064A-7PC84I	* No direct replacement
XC3064A-7PQ160C	* No direct replacement
XC3064A-7PQ160I	* No direct replacement
XC3064A-7TQ144C	* No direct replacement
XC3064A-7TQ144I	* No direct replacement
XC3090A-6PC84C	* No direct replacement
XC3090A-6PQ160C	* No direct replacement
XC3090A-7PC84C	* No direct replacement
XC3090A-7PC84I	* No direct replacement
XC3090A-7PQ160C	* No direct replacement
XC3090A-7PQ160I	* No direct replacement

*Notes:

- 1) The XC3000 family has no direct replacement. For longer term support, it is recommended that designs be converted to one of the Spartan families.
- 2) All SCDs associated with these part numbers will also be affected.

Table 4: XC4000XL Products Affected (All Devices in this product line are affected.)

Part Number	Replacement Part	Part Number	Replacement Part
XC4005XL-09PQ160C	No direct replacement	XC4010XL-1TQ144I	No direct replacement
XC4005XL-09PQ208C	No direct replacement	XC4010XL-2BG256C	No direct replacement
XC4005XL-09TQ144C	No direct replacement	XC4010XL-2BG256I	No direct replacement
XC4005XL-09VQ100C	No direct replacement	XC4010XL-2PQ100C	No direct replacement
XC4005XL-1PQ160C	No direct replacement	XC4010XL-2PQ100I	No direct replacement
XC4005XL-1PQ160I	No direct replacement	XC4010XL-2PQ160C	No direct replacement
XC4005XL-1PQ208C	No direct replacement	XC4010XL-2PQ208C	No direct replacement
XC4005XL-1PQ208I	No direct replacement	XC4010XL-2PQ208I	No direct replacement
XC4005XL-1TQ144C	No direct replacement	XC4010XL-2TQ144C	No direct replacement
XC4005XL-1TQ144I	No direct replacement	XC4010XL-2TQ144I	No direct replacement
XC4005XL-1TQG144C	No direct replacement	XC4010XL-3BG256C	No direct replacement
XC4005XL-1VQ100C	No direct replacement	XC4010XL-3BG256I	No direct replacement
XC4005XL-1VQ100I	No direct replacement	XC4010XL-3PQ100C	No direct replacement
XC4005XL-2PQ100C	No direct replacement	XC4010XL-3PQ100I	No direct replacement
XC4005XL-2PQ160C	No direct replacement	XC4010XL-3PQ208C	No direct replacement
XC4005XL-2PQ160I	No direct replacement	XC4010XL-3PQ208I	No direct replacement
XC4005XL-2PQ208C	No direct replacement	XC4010XL-3TQ144C	No direct replacement
XC4005XL-2PQ208I	No direct replacement	XC4010XL-3TQ144I	No direct replacement
XC4005XL-2TQ144C	No direct replacement	XC4013XL-09BG256C	No direct replacement
XC4005XL-2TQ144I	No direct replacement	XC4013XL-09PQ160C	No direct replacement
XC4005XL-2VQ100C	No direct replacement	XC4013XL-09PQ208C	No direct replacement
XC4005XL-2VQ100I	No direct replacement	XC4013XL-09PQ240C	No direct replacement
XC4005XL-3PQ160C	No direct replacement	XC4013XL-1BG256C	No direct replacement
XC4005XL-3PQ160I	No direct replacement	XC4013XL-1BG256I	No direct replacement
XC4005XL-3PQ208C	No direct replacement	XC4013XL-1PQ160C	No direct replacement
XC4005XL-3PQ208I	No direct replacement	XC4013XL-1PQ160I	No direct replacement
XC4005XL-3TQ144C	No direct replacement	XC4013XL-1PQ208C	No direct replacement
XC4005XL-3TQ144I	No direct replacement	XC4013XL-1PQ208I	No direct replacement
XC4005XL-3TQG144C	No direct replacement	XC4013XL-1PQ240C	No direct replacement
XC4005XL-3VQ100C	No direct replacement	XC4013XL-1PQ240I	No direct replacement
XC4005XL-3VQ100I	No direct replacement	XC4013XL-2BG256C	No direct replacement
XC4010XL-09BG256C	No direct replacement	XC4013XL-2BG256I	No direct replacement
XC4010XL-09PQ100C	No direct replacement	XC4013XL-2PQ160C	No direct replacement
XC4010XL-09PQ208C	No direct replacement	XC4013XL-2PQ160I	No direct replacement
XC4010XL-09TQ144C	No direct replacement	XC4013XL-2PQ208C	No direct replacement
XC4010XL-1BG256C	No direct replacement	XC4013XL-2PQ208I	No direct replacement
XC4010XL-1BG256I	No direct replacement	XC4013XL-2PQ240C	No direct replacement
XC4010XL-1PQ100C	No direct replacement	XC4013XL-2PQ240I	No direct replacement
XC4010XL-1PQ100I	No direct replacement	XC4013XL-3BG256C	No direct replacement
XC4010XL-1PQ208C	No direct replacement	XC4013XL-3BG256I	No direct replacement
XC4010XL-1PQ208I	No direct replacement	XC4013XL-3PQ160C	No direct replacement
XC4010XL-1TQ144C	No direct replacement	XC4013XL-3PQ160I	No direct replacement

Table 4 (Continue): XC4000XL Products Affected (All Devices in this product line are affected.)

Part Number	Replacement Part	Part Number	Replacement Part
XC4013XL-3PQ208C	No direct replacement	XC4028XL-3HQ240C	No direct replacement
XC4013XL-3PQ208I	No direct replacement	XC4028XL-3HQ240I	No direct replacement
XC4013XL-3PQ240C	No direct replacement	XC4062XL-09BG432C	No direct replacement
XC4013XL-3PQ240I	No direct replacement	XC4062XL-09BG560C	No direct replacement
XC4028XL-09BG352C	No direct replacement	XC4062XL-1BG432C	No direct replacement
XC4028XL-09HQ240C	No direct replacement	XC4062XL-1BG432I	No direct replacement
XC4028XL-1BG352C	No direct replacement	XC4062XL-1BG560C	No direct replacement
XC4028XL-1BG352I	No direct replacement	XC4062XL-1BG560I	No direct replacement
XC4028XL-1HQ240C	No direct replacement	XC4062XL-2BG432C	No direct replacement
XC4028XL-1HQ240I	No direct replacement	XC4062XL-2BG432I	No direct replacement
XC4028XL-2BG352C	No direct replacement	XC4062XL-2BG560C	No direct replacement
XC4028XL-2BG352I	No direct replacement	XC4062XL-2BG560I	No direct replacement
XC4028XL-2HQ160C	No direct replacement	XC4062XL-3BG432C	No direct replacement
XC4028XL-2HQ240C	No direct replacement	XC4062XL-3BG432I	No direct replacement
XC4028XL-2HQ240I	No direct replacement	XC4062XL-3BG560C	No direct replacement
XC4028XL-3BG352C	No direct replacement	XC4062XL-3BG560I	No direct replacement
XC4028XL-3BG352I	No direct replacement	XC4062XL-3BGG432C	No direct replacement

Notes:

- 1) HQ packages listed above as the recommended replacements are scheduled for Discontinuation in the 1st half of 2009.
- 2) For longer term support, it is recommended that designs be converted to one of the Spartan families.
- 3) All SCDs associated with these part numbers will also be affected.

Table 5: XC5206 Products Affected

Part Number	Replacement Part	Part Number	Replacement Part
XC5206-3PQ100C	No direct replacement	XC5206-5PQ100I	No direct replacement
XC5206-4PQ100C	No direct replacement	XC5206-6PQ100C	No direct replacement
XC5206-5PQ100C	No direct replacement	XC5206-6PQ100I	No direct replacement

Table 6: Aerospace & Defense Products Affected

Standard products affected include all SCDs associated with the part numbers listed below.

Part Number	Replacement Part	Part Number	Replacement Part
XC3042-100CB100B	No direct replacement	XC3090-100CB164M	No direct replacement
XC3042-100CB100M	No direct replacement	XC3090-100PG175M	No direct replacement
XC3042-100PG132M	No direct replacement	XC3090A-7PG175M	No direct replacement
XC3042-100PG84M	No direct replacement		

Table 7: Aerospace & Defense "XQ" Products Affected

Part Number	Replacement Part
XQ4085XL-1CB228M	No direct replacement
XQVR1000-4CG560M	No direct replacement

Virtex-E Products Affected

Selected low running Virtex-E part numbers ordered with SCD0773 are affected by this XCN. Please refer to the SCD part list (see [Appendix A – SCD Parts Affected](#) at the end of this PDN).

Virtex-4 Products Affected

Selected low running and unused Virtex-4 part numbers ordered with SCD4007, SCD4012, SCD0968 and SCD0998 are affected by this notice. Please refer to the SCD part list (see [Appendix A – SCD Parts Affected](#) at the end of this PDN).

Response

No response is required. For additional information or questions, please contact [Xilinx Technical Support](#). For help with your last time buy requirements or possible replacement options, please contact your local sales representative.

Important Notice:

Xilinx Customer Notifications (XCNs, XDNs, 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” area 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, etc. For information on how to sign up, refer to [Xilinx Answer Record 18683](#).

Appendix A – SCD Parts Affected

Table 1: Virtex-II Pro X SCD Part Numbers Affected

Part Number	Replacement Part
XC2VPX20-5FF896C0950	No direct replacement
XC2VPX20-6FF896C4000	No direct replacement
XC2VPX20-6FF896I4000	No direct replacement
XC2VPX20-6FF896C4004	No direct replacement

Part Number	Replacement Part
XC2VPX20-6FF896C4005	No direct replacement
XC2VPX20-6FFG896C4004	No direct replacement
XC2VPX20-6FFG896C4005	No direct replacement

Table 2: Virtex-E SCD Part Numbers Affected

Part Number	Replacement Part
XCV1000E-6BG560I0773	XCV1000E-6BG560I
XCV1000E-6FG1156C0773	XCV1000E-6FG1156C
XCV1000E-6FG900C0773	XCV1000E-6FG900C
XCV1000E-8FG1156C0773	XCV1000E-8FG1156C
XCV100E-6BG352I0773	XCV100E-6BG352I
XCV100E-6PQ240C0773	XCV100E-6PQ240C
XCV100E-7PQ240C0773	XCV100E-7PQ240C
XCV100E-8PQ240C0773	XCV100E-8PQ240C
XCV2000E-6BG560C0773	XCV2000E-6BG560C
XCV2000E-6BG560I0773	XCV2000E-6BG560I
XCV2000E-8BG560C0773	XCV2000E-8BG560C
XCV2000E-8FG1156C0773	XCV2000E-8FG1156C
XCV2000E-8FG680C0773	XCV2000E-8FG680C
XCV200E-6BG352C0773	XCV200E-6BG352C
XCV200E-6FG456C0773	XCV200E-6FG456C
XCV200E-6FG456I0773	XCV200E-6FG456I
XCV200E-6PQ240C0773	XCV200E-6PQ240C
XCV200E-7BG352C0773	XCV200E-7BG352C
XCV200E-7PQ240C0773	XCV200E-7PQ240C
XCV200E-8FG256C0773	XCV200E-8FG256C
XCV200E-8PQ240C0773	XCV200E-8PQ240C
XCV300E-6BG432C0773	XCV300E-6BG432C
XCV300E-6FG256C0773	XCV300E-6FG256C

Part Number	Replacement Part
XCV300E-6FG456C0773	XCV300E-6FG456C
XCV300E-6PQ240C0773	XCV300E-6PQ240C
XCV300E-7FG456C0773	XCV300E-7FG456C
XCV300E-7PQ240C0773	XCV300E-7PQ240C
XCV300E-8BG432C0773	XCV300E-8BG432C
XCV300E-8FG456C0773	XCV300E-8FG456C
XCV400E-6BG560C0773	XCV400E-6BG560C
XCV400E-6PQ240C0773	XCV400E-6PQ240C
XCV400E-7BG432C0773	XCV400E-7BG432C
XCV400E-7PQ240C0773	XCV400E-7PQ240C
XCV400E-8FG676C0773	XCV400E-8FG676C
XCV50E-6FG256C0773	XCV50E-6FG256C
XCV50E-6PQ240C0773	XCV50E-6PQ240C
XCV50E-7FG256C0773	XCV50E-7FG256C
XCV600E-6FG676I0773	XCV600E-6FG676I
XCV600E-6FG680I0773	XCV600E-6FG680I
XCV600E-6HQ240C0773	XCV600E-6HQ240C*
XCV600E-6HQ240I0773	XCV600E-6HQ240I*
XCV600E-7BG432C0773	XCV600E-7BG432C
XCV600E-7BG432I0773	XCV600E-7BG432I
XCV600E-7FG676C0773	XCV600E-7FG676C
XCV600E-8HQ240C0773	XCV600E-8HQ240C*

Note:

Select low running parts with SCD0773 are being obsoleted. The replacement is standard product, which is now exactly the same as parts ordered under SCD0773.

* HQ240 package is a temporary replacement. This package will be subject to an EOL announcement in 1st half 2009.

Table 5: XC3000 SCD Part Numbers Affected

Part Number	Replacement Part
XC3020A-7PC84C0090	No direct replacement
XC3020A-7PC84C0100	No direct replacement
XC3030A-6PC68C0280	No direct replacement
XC3030A-7PC68C0100	No direct replacement
XC3030A-7PC68C0168	No direct replacement
XC3030A-7PC68I0280	No direct replacement
XC3030A-7PC84C0090	No direct replacement
XC3030A-7PC84C0100	No direct replacement
XC3042A-6PC84C0383	No direct replacement
XC3042A-7PC84C0090	No direct replacement
XC3042A-7PC84C0100	No direct replacement
XC3042A-7PC84C0280	No direct replacement
XC3042A-7PC84I0090	No direct replacement
XC3042A-7PC84I0100	No direct replacement

Part Number	Replacement Part
XC3042A-7PQ100C0167	No direct replacement
XC3042A-7PQ100C0262	No direct replacement
XC3042A-7PQ100C0341	No direct replacement
XC3042A-7PQ100C0546	No direct replacement
XC3064A-6PC84C0090	No direct replacement
XC3064A-6PC84C0100	No direct replacement
XC3064A-7PC84C0090	No direct replacement
XC3064A-7PC84C0100	No direct replacement
XC3064A-7PC84C0280	No direct replacement
XC3064A-7PC84I0090	No direct replacement
XC3064A-7PQ160C0280	No direct replacement
XC3090A-7PC84C0090	No direct replacement
XC3090A-7PC84I0100	No direct replacement

Table 6: XC4000XL SCD Part Numbers Affected

Part Number	Replacement Part
XC4005XL-1VQ100C0280	No direct replacement
XC4005XL-2TQ144C0262	No direct replacement
XC4005XL-3PQ208C0907	No direct replacement
XC4010XL-2BG256C0262	No direct replacement
XC4013XL-09PQ240C0314	No direct replacement
XC4013XL-1PQ208C0624	No direct replacement
XC4013XL-1PQ208C0630	No direct replacement
XC4013XL-1PQ208C0907	No direct replacement
XC4013XL-3PQ160C0630	No direct replacement
XC4013XL-3PQ160I0630	No direct replacement

Part Number	Replacement Part
XC4013XL-3PQ208C0624	No direct replacement
XC4013XL-3PQ208I0624	No direct replacement
XC4013XL-3PQ240C0280	No direct replacement
XC4028XL-1HQ240C0624	No direct replacement
XC4028XL-3BG352C0624	No direct replacement
XC4028XL-3BG352C0630	No direct replacement
XC4028XL-3HQ240C0624	No direct replacement
XC4062XL-09BG432C0630	No direct replacement
XC4062XL-1BG432C0634	No direct replacement

Notes:

- 1) HQ packages listed above as the recommended replacements are scheduled for discontinuation in the 1st half of 2009.
- 2) For longer term support, it is recommended that designs be converted to one of the Spartan families.

Table 7: Aerospace & Defense SCD Part Numbers Affected

Part Number	Replacement Part
XQR2V3000-4CG717V0977	No direct replacement
XQR2V3000-4CG717V0978	No direct replacement

Part Number	Replacement Part
XQVR300-4CB228M0520	No direct replacement
XQVR600-4CB228M0520	No direct replacement

Revision History

The following table shows the revision history for this document.

Date	Version	Revision
10/13/08	1.0	Initial release.