



Discontinue Low-Volume Members of Spartan, Spartan-XL, and Spartan-II Product Families

PDN2004-01 (v1.0) March 5, 2004

Product Discontinuation Notice

Overview

Xilinx is discontinuing selected low-volume device/package combinations of the Spartan™ (5 volt), Spartan-XL, and Spartan-II families.

Product Affected

All PC84, CS144, and CS280 packages in the Spartan and Spartan-XL families are being discontinued. The XCS30 device in the BG256 package is being discontinued. For Spartan-II, the smallest density in the PQ208 and CS144 packages, and one density in the FG456 package are being discontinued. Only commercial and industrial grade part numbers are affected. Military products are not affected. Please note that the discontinued part numbers are among those that will not be provided in Pb-free versions.

The following table lists the discontinued part numbers as well as the corresponding recommended replacement.

Product Family	Discontinued Part Number	Recommended Replacement
Spartan – 5 volt	XCS05-3PC84C	* XCS05-3VQ100C
	XCS05-4PC84C	* XCS05-4VQ100C
	XCS10-3PC84C	* XCS10-3VQ100C
	XCS10-4PC84C	* XCS10-4VQ100C
	XCS30-3BG256C	XCS40-3BG256C
	XCS30-4BG256C	XCS40-4BG256C
	XCS30-3VQ100C	* XCS30XL-4VQ100C
	XCS30-4VQ100C	* XCS30XL-4VQ100C
Spartan-XL	XCS05XL-4PC84C	* XCS05XL-4VQ100C
	XCS05XL-5PC84C	* XCS05XL-5VQ100C
	XCS10XL-4CS144C	* XCS10XL-4TQ144C or XC2S30-5CS144C
	XCS10XL-5CS144C	* XCS10XL-5TQ144C or XC2S30-5CS144C
	XCS10XL-4PC84C	* XCS10XL-4VQ100C
	XCS10XL-5PC84C	* XCS10XL-5VQ100C
	XCS20XL-4CS144C	* XCS20XL-4TQ144C or XC2S30-5CS144C
	XCS20XL-5CS144C	* XCS20XL-5TQ144C or XC2S30-5CS144C
	XCS30XL-4CS280C	* XCS30XL-4BG256C
	XCS30XL-5CS280C	* XCS30XL-5BG256C
	XCS40XL-4CS280C	* XCS40XL-4BG256C
	XCS40XL-5CS280C	* XCS40XL-5BG256C

* Indicates that there are several “indirect” replacement Spartan devices from which to choose – one or two, but not all, of the replacement options are shown.

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Product Family	Discontinued Part Number	Recommended Replacement
Spartan-II	XC2S100-5FG456C	XC2S150-5FG456C
	XC2S100-5FG456I	XC2S150-5FG456I
	XC2S100-6FG456C	XC2S150-6FG456C
	XC2S15-5CS144C	XC2S30-5CS144C
	XC2S15-5CS144I	XC2S30-5CS144I
	XC2S15-6CS144C	XC2S30-6CS144C
	XC2S30-5PQ208C	XC2S50-5PQ208C
	XC2S30-5PQ208I	XC2S50-5PQ208I
	XC2S30-6PQ208C	XC2S50-6PQ208C

Description

Selected low-volume device/package combinations of the Spartan (5 volt), Spartan-XL, and Spartan-II families are being discontinued to streamline these families and continue progress toward lower cost and higher value. The selected devices have not achieved the necessary critical volume to attain the cost/value structure that is characteristic of these families. Note that only commercial and industrial grade products are affected. Military products are not affected.

Key Dates

Final orders are accepted until March 5, 2005

Final deliveries must occur on or before September 5, 2005.

Response

Immediate response to this notification is not required. As was previously noted, some of the discontinued part numbers have direct pin-compatible replacements at higher densities. Others have several indirect replacements in the Spartan families. Please contact your [Xilinx Sales Representative](#) for assistance in planning for device replacement. For additional information or questions, please contact [Xilinx Technical Support](#).

Important Notice: As of March 1, 2004, Xilinx Customer Notifications (PCN, PDN, and Advisory) are 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
3/5/04	1.0	Initial release.