



## Discontinue Low-Volume Members of the XC4000XL, XC4000XLA, and XC4000E Product Families

PDN2004-21 (v1.1) November 15, 2004

Product Discontinuation Notice

### Overview

Xilinx is discontinuing certain low-volume device package-pin combinations of the XC4000E™, XC4000XL™, and XC4000XLA™ product families. This applies to commercial and industrial (C-grade and I-grade) products only. Military products are not affected.

### Description

These device package combinations have declined in customer usage to the point where continued manufacturing is becoming no longer economical. Please note that a Pb-free version will not be provided for discontinued part numbers.

Direct replacement devices are listed in the tables below. Although some discontinued part numbers do not have direct replacements, there are indirect device/package-pin combinations available as alternatives. Please contact your [Xilinx Sales Representative](#) for help with replacement devices.

### Products Affected

Refer to the tables below for the discontinued part numbers.

### Key Dates

Final orders are accepted until August 23, 2005

Final deliveries must occur on or before February 23, 2006.

### XC4000XL Discontinuation Summary

Four packages and three devices in the XC4000XL family are being removed entirely.

- Packages: HQ304, HQ160, HT176, and PC84
- Devices: XC4036XL, XC4052XL, and XC4085XL

In addition to the above packages and devices, the following device-package combinations are being discontinued:

- XC4005XL-PQ100
- XC4010XL-PQ160
- XC4020XL-PQ240
- XC4028XL-BG256

Not all recommended replacements identified in the far right column are drop-in replacements for the discontinued part numbers. In these cases, a redesign of the customer's board may be required. Customers may need to have the original design tools in order to support the re-design. Please note, the XC4000XLA family is a drop-in replacement where available for the XC4000XL family. Product with drop-in capability is identified with an \*asterisk in the recommended replacement column. Because of the maturity of the product,

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recommended replacements provide only a short term solution and there is no commitment for end of life expectancy. For long term solutions, please consider re-designing into the Spartan product family.

<b>XC4000XL Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
XC4005XL-PC84	XC4005XL-09PC84C	
	XC4005XL-1PC84C	
	XC4005XL-2PC84C	
	XC4005XL-3PC84C	
	XC4005XL-1PC84I	
	XC4005XL-2PC84I	
	XC4005XL-3PC84I	
XC4005XL-PQ100	XC4005XL-09PQ100C	XC4010XL-09PQ100C
	XC4005XL-1PQ100C	XC4010XL-1PQ100C
	XC4005XL-2PQ100C	XC4010XL-2PQ100C
	XC4005XL-3PQ100C	XC4010XL-3PQ100C
	XC4005XL-1PQ100I	XC4010XL-1PQ100I
	XC4005XL-2PQ100I	XC4010XL-2PQ100I
	XC4005XL-3PQ100I	XC4010XL-3PQ100I
XC4010XL-PC84	XC4010XL-09PC84C	
	XC4010XL-1PC84C	
	XC4010XL-2PC84C	
	XC4010XL-3PC84C	
	XC4010XL-1PC84I	
	XC4010XL-2PC84I	
	XC4010XL-3PC84I	
XC4010XL-PQ160	XC4010XL-09PQ160C	XC4013XL-09PQ160C
	XC4010XL-1PQ160C	XC4013XL-1PQ160C
	XC4010XL-2PQ160C	XC4013XL-2PQ160C
	XC4010XL-3PQ160C	XC4013XL-3PQ160C
	XC4010XL-1PQ160I	XC4013XL-1PQ160I
	XC4010XL-2PQ160I	XC4013XL-2PQ160I
	XC4010XL-3PQ160I	XC4013XL-3PQ160I
XC4013XL-HT176	XC4013XL-09HT176C	
	XC4013XL-1HT176C	
	XC4013XL-2HT176C	
	XC4013XL-3HT176C	
	XC4013XL-1HT176I	
	XC4013XL-2HT176I	
	XC4013XL-3HT176I	
XC4020XL-HT176	XC4020XL-09HT176C	
	XC4020XL-1HT176C	
	XC4020XL-2HT176C	
	XC4020XL-3HT176C	
	XC4020XL-1HT176I	
	XC4020XL-2HT176I	
	XC4020XL-3HT176I	

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<b>XC4000XL Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
XC4020XL-PQ240	XC4020XL-09PQ240C	*XC4020XLA-09PQ240C
	XC4020XL-1PQ240C	*XC4020XLA-09PQ240C
	XC4020XL-2PQ240C	*XC4020XLA-09PQ240C
	XC4020XL-3PQ240C	*XC4020XLA-09PQ240C
	XC4020XL-1PQ240I	*XC4020XLA-09PQ240I
	XC4020XL-2PQ240I	*XC4020XLA-09PQ240I
	XC4020XL-3PQ240I	*XC4020XLA-09PQ240I
XC4028XL-BG256	XC4028XL-09BG256C	*XC4028XLA-09BG256C
	XC4028XL-1BG256C	*XC4028XLA-09BG256C
	XC4028XL-2BG256C	*XC4028XLA-09BG256C
	XC4028XL-3BG256C	*XC4028XLA-09BG256C
	XC4028XL-1BG256I	*XC4028XLA-09BG256I
	XC4028XL-2BG256I	*XC4028XLA-09BG256I
	XC4028XL-3BG256I	*XC4028XLA-09BG256I
XC4028XL-HQ160	XC4028XL-09HQ160C	XC4052XLA-09HQ160C
	XC4028XL-1HQ160C	XC4052XLA-09HQ160C
	XC4028XL-2HQ160C	XC4052XLA-09HQ160C
	XC4028XL-3HQ160C	XC4052XLA-09HQ160C
	XC4028XL-1HQ160I	XC4052XLA-09HQ160I
	XC4028XL-2HQ160I	XC4052XLA-09HQ160I
	XC4028XL-3HQ160I	XC4052XLA-09HQ160I
XC4028XL-HQ304	XC4028XL-09HQ304C	XC4052XLA-09HQ304C
	XC4028XL-1HQ304C	XC4052XLA-09HQ304C
	XC4028XL-2HQ304C	XC4052XLA-09HQ304C
	XC4028XL-3HQ304C	XC4052XLA-09HQ304C
	XC4028XL-1HQ304I	XC4052XLA-09HQ304I
	XC4028XL-2HQ304I	XC4052XLA-09HQ304I
	XC4028XL-3HQ304I	XC4052XLA-09HQ304I
XC4036XL-BG352	XC4036XL-09BG352C	*XC4036XLA-09BG352C
	XC4036XL-1BG352C	*XC4036XLA-09BG352C
	XC4036XL-2BG352C	*XC4036XLA-09BG352C
	XC4036XL-3BG352C	*XC4036XLA-09BG352C
	XC4036XL-1BG352I	*XC4036XLA-09BG352I
	XC4036XL-2BG352I	*XC4036XLA-09BG352I
	XC4036XL-3BG352I	*XC4036XLA-09BG352I
XC4036XL-BG432	XC4036XL-09BG432C	*XC4036XLA-09BG432C
	XC4036XL-1BG432C	*XC4036XLA-09BG432C
	XC4036XL-2BG432C	*XC4036XLA-09BG432C
	XC4036XL-3BG432C	*XC4036XLA-09BG432C
	XC4036XL-1BG432I	*XC4036XLA-09BG432I
	XC4036XL-2BG432I	*XC4036XLA-09BG432I
	XC4036XL-3BG432I	*XC4036XLA-09BG432I
XC4036XL-HQ160	XC4036XL-09HQ160C	XC4052XLA-09HQ160C
	XC4036XL-1HQ160C	XC4052XLA-09HQ160C
	XC4036XL-2HQ160C	XC4052XLA-09HQ160C

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<b>XC4000XL Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
	XC4036XL-3HQ160C	XC4052XLA-09HQ160C
	XC4036XL-1HQ160I	XC4052XLA-09HQ160I
	XC4036XL-2HQ160I	XC4052XLA-09HQ160I
	XC4036XL-3HQ160I	XC4052XLA-09HQ160I
XC4036XL-HQ208	XC4036XL-09HQ208C	*XC4036XLA-09HQ208C
	XC4036XL-1HQ208C	*XC4036XLA-09HQ208C
	XC4036XL-2HQ208C	*XC4036XLA-09HQ208C
	XC4036XL-3HQ208C	*XC4036XLA-09HQ208C
	XC4036XL-1HQ208I	*XC4036XLA-09HQ208I
	XC4036XL-2HQ208I	*XC4036XLA-09HQ208I
	XC4036XL-3HQ208I	*XC4036XLA-09HQ208I
XC4036XL-HQ240	XC4036XL-09HQ240C	*XC4036XLA-09HQ240C
	XC4036XL-1HQ240C	*XC4036XLA-09HQ240C
	XC4036XL-2HQ240C	*XC4036XLA-09HQ240C
	XC4036XL-3HQ240C	*XC4036XLA-09HQ240C
	XC4036XL-1HQ240I	*XC4036XLA-09HQ240I
	XC4036XL-2HQ240I	*XC4036XLA-09HQ240I
	XC4036XL-3HQ240I	*XC4036XLA-09HQ240I
XC4036XL-HQ304	XC4036XL-09HQ304C	XC4052XLA-09HQ304C
	XC4036XL-1HQ304C	XC4052XLA-09HQ304C
	XC4036XL-2HQ304C	XC4052XLA-09HQ304C
	XC4036XL-3HQ304C	XC4052XLA-09HQ304C
	XC4036XL-1HQ304I	XC4052XLA-09HQ304I
	XC4036XL-2HQ304I	XC4052XLA-09HQ304I
	XC4036XL-3HQ304I	XC4052XLA-09HQ304I
XC4044XL-HQ160	XC4044XL-09HQ160C	XC4052XLA-09HQ160C
	XC4044XL-1HQ160C	XC4052XLA-09HQ160C
	XC4044XL-2HQ160C	XC4052XLA-09HQ160C
	XC4044XL-3HQ160C	XC4052XLA-09HQ160C
	XC4044XL-1HQ160I	XC4052XLA-09HQ160I
	XC4044XL-2HQ160I	XC4052XLA-09HQ160I
	XC4044XL-3HQ160I	XC4052XLA-09HQ160I
XC4044XL-HQ304	XC4044XL-09HQ304C	XC4052XLA-09HQ304C
	XC4044XL-1HQ304C	XC4052XLA-09HQ304C
	XC4044XL-2HQ304C	XC4052XLA-09HQ304C
	XC4044XL-3HQ304C	XC4052XLA-09HQ304C
	XC4044XL-1HQ304I	XC4052XLA-09HQ304I
	XC4044XL-2HQ304I	XC4052XLA-09HQ304I
	XC4044XL-3HQ304I	XC4052XLA-09HQ304I
XC4052XL-BG432	XC4052XL-09BG432C	*XC4052XLA-09BG432C
	XC4052XL-1BG432C	*XC4052XLA-09BG432C
	XC4052XL-2BG432C	*XC4052XLA-09BG432C
	XC4052XL-3BG432C	*XC4052XLA-09BG432C
	XC4052XL-1BG432I	*XC4052XLA-09BG432I
	XC4052XL-2BG432I	*XC4052XLA-09BG432I

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<b>XC4000XL Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
	XC4052XL-3BG432I	*XC4052XLA-09BG432I
XC4052XL-BG560	XC4052XL-09BG560C	*XC4052XLA-09BG560C
	XC4052XL-1BG560C	*XC4052XLA-09BG560C
	XC4052XL-2BG560C	*XC4052XLA-09BG560C
	XC4052XL-3BG560C	*XC4052XLA-09BG560C
	XC4052XL-1BG560I	*XC4052XLA-09BG560I
	XC4052XL-2BG560I	*XC4052XLA-09BG560I
	XC4052XL-3BG560I	*XC4052XLA-09BG560I
XC4052XL-HQ240	XC4052XL-09HQ240C	*XC4052XLA-09HQ240C
	XC4052XL-1HQ240C	*XC4052XLA-09HQ240C
	XC4052XL-2HQ240C	*XC4052XLA-09HQ240C
	XC4052XL-3HQ240C	*XC4052XLA-09HQ240C
	XC4052XL-1HQ240I	*XC4052XLA-09HQ240I
	XC4052XL-2HQ240I	*XC4052XLA-09HQ240I
	XC4052XL-3HQ240I	*XC4052XLA-09HQ240I
XC4052XL-HQ304	XC4052XL-09HQ304C	*XC4052XLA-09HQ304C
	XC4052XL-1HQ304C	*XC4052XLA-09HQ304C
	XC4052XL-2HQ304C	*XC4052XLA-09HQ304C
	XC4052XL-3HQ304C	*XC4052XLA-09HQ304C
	XC4052XL-1HQ304I	*XC4052XLA-09HQ304I
	XC4052XL-2HQ304I	*XC4052XLA-09HQ304I
	XC4052XL-3HQ304I	*XC4052XLA-09HQ304I
XC4062XL-HQ304	XC4062XL-09HQ304C	
	XC4062XL-1HQ304C	
	XC4062XL-2HQ304C	
	XC4062XL-3HQ304C	
	XC4062XL-1HQ304I	
	XC4062XL-2HQ304I	
	XC4062XL-3HQ304I	
XC4085XL-BG432	XC4085XL-09BG432C	*XC4085XLA-09BG432C
	XC4085XL-1BG432C	*XC4085XLA-09BG432C
	XC4085XL-2BG432C	*XC4085XLA-09BG432C
	XC4085XL-3BG432C	*XC4085XLA-09BG432C
	XC4085XL-1BG432I	*XC4085XLA-09BG432I
	XC4085XL-2BG432I	*XC4085XLA-09BG432I
	XC4085XL-3BG432I	*XC4085XLA-09BG432I
XC4085XL-BG560	XC4085XL-09BG560C	*XC4085XLA-09BG560C
	XC4085XL-1BG560C	*XC4085XLA-09BG560C
	XC4085XL-2BG560C	*XC4085XLA-09BG560C
	XC4085XL-3BG560C	*XC4085XLA-09BG560C
	XC4085XL-1BG560I	*XC4085XLA-09BG560I
	XC4085XL-2BG560I	*XC4085XLA-09BG560I
	XC4085XL-3BG560I	*XC4085XLA-09BG560I

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## XC4000XLA Discontinuation Summary

One package and two devices in the XC4000XLA family are being removed entirely.

- Package: PQ160
- Devices: XC4044XLA and XC4062XLA

In addition to the above devices and package, the following device-package combinations are being discontinued:

- XC4028XLA-HQ208
- XC4028XLA-HQ160
- XC4036XLA-HQ160
- XC4085XLA-HQ304

Not all recommended replacements identified in the far right column are drop-in replacements for the discontinued part numbers. In these cases, a redesign of the customer's board may be required. Customers may need to have the original design tools in order to support the re-design. Because of the maturity of the product, recommended replacements provide only a short term solution and there is no commitment for end of life expectancy. For long term solutions, please consider re-designing into the Spartan product family.

XC4000XLA Family Member	Discontinued Part Number	Recommended Replacement
XC4013XLA-PQ160	XC4013XLA-07PQ160C	
	XC4013XLA-08PQ160C	
	XC4013XLA-09PQ160C	
	XC4013XLA-08PQ160I	
	XC4013XLA-09PQ160I	
XC4020XLA-PQ160	XC4020XLA-07PQ160C	
	XC4020XLA-08PQ160C	
	XC4020XLA-09PQ160C	
	XC4020XLA-08PQ160I	
	XC4020XLA-09PQ160I	
XC4028XLA-HQ160	XC4028XLA-07HQ160C	XC4052XLA-07HQ160C
	XC4028XLA-08HQ160C	XC4052XLA-08HQ160C
	XC4028XLA-09HQ160C	XC4052XLA-09HQ160C
	XC4028XLA-08HQ160I	XC4052XLA-08HQ160I
	XC4028XLA-09HQ160I	XC4052XLA-09HQ160I
XC4028XLA-HQ208	XC4028XLA-07HQ208C	XC4036XLA-07HQ208C
	XC4028XLA-08HQ208C	XC4036XLA-08HQ208C
	XC4028XLA-09HQ208C	XC4036XLA-09HQ208C
	XC4028XLA-08HQ208I	XC4036XLA-08HQ208I
	XC4028XLA-09HQ208I	XC4036XLA-09HQ208I
XC4036XLA-HQ160	XC4036XLA-07HQ160C	XC4052XLA-07HQ160C
	XC4036XLA-08HQ160C	XC4052XLA-08HQ160C
	XC4036XLA-09HQ160C	XC4052XLA-09HQ160C
	XC4036XLA-08HQ160I	XC4052XLA-08HQ160I
	XC4036XLA-09HQ160I	XC4052XLA-09HQ160I
XC4044XLA-BG352	XC4044XLA-07BG352C	XC4052XLA-07BG352C
	XC4044XLA-08BG352C	XC4052XLA-08BG352C

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<b>XC4000XLA Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
	XC4044XLA-09BG352C	XC4052XLA-09BG352C
	XC4044XLA-08BG352I	XC4052XLA-08BG352I
	XC4044XLA-09BG352I	XC4052XLA-09BG352I
XC4044XLA-BG432	XC4044XLA-07BG432C	XC4052XLA-07BG432C
	XC4044XLA-08BG432C	XC4052XLA-08BG432C
	XC4044XLA-09BG432C	XC4052XLA-09BG432C
	XC4044XLA-08BG432I	XC4052XLA-08BG432I
	XC4044XLA-09BG432I	XC4052XLA-09BG432I
XC4044XLA-HQ160	XC4044XLA-07HQ160C	XC4052XLA-07HQ160C
	XC4044XLA-08HQ160I	XC4052XLA-08HQ160I
	XC4044XLA-09HQ160C	XC4052XLA-09HQ160C
	XC4044XLA-08HQ160C	XC4052XLA-08HQ160C
	XC4044XLA-09HQ160I	XC4052XLA-09HQ160I
XC4044XLA-HQ208	XC4044XLA-07HQ208C	XC4052XLA-07HQ208C
	XC4044XLA-08HQ208C	XC4052XLA-08HQ208C
	XC4044XLA-09HQ208C	XC4052XLA-09HQ208C
	XC4044XLA-08HQ208I	XC4052XLA-08HQ208I
	XC4044XLA-09HQ208I	XC4052XLA-09HQ208I
XC4044XLA-HQ240	XC4044XLA-07HQ240C	XC4052XLA-07HQ240C
	XC4044XLA-08HQ240C	XC4052XLA-08HQ240C
	XC4044XLA-09HQ240C	XC4052XLA-09HQ240C
	XC4044XLA-08HQ240I	XC4052XLA-08HQ240I
	XC4044XLA-09HQ240I	XC4052XLA-09HQ240I
XC4044XLA-HQ304	XC4044XLA-07HQ304C	XC4052XLA-07HQ304C
	XC4044XLA-08HQ304C	XC4052XLA-08HQ304C
	XC4044XLA-09HQ304C	XC4052XLA-09HQ304C
	XC4044XLA-08HQ304I	XC4052XLA-08HQ304I
	XC4044XLA-09HQ304I	XC4052XLA-09HQ304I
XC4062XLA-BG352	XC4062XLA-07BG352C	XC4085XLA-07BG352C
	XC4062XLA-08BG352C	XC4085XLA-08BG352C
	XC4062XLA-09BG352C	XC4085XLA-09BG352C
	XC4062XLA-08BG352I	XC4085XLA-08BG352I
	XC4062XLA-09BG352I	XC4085XLA-09BG352I
XC4062XLA-BG432	XC4062XLA-07BG432C	XC4085XLA-07BG432C
	XC4062XLA-08BG432C	XC4085XLA-08BG432C
	XC4062XLA-09BG432C	XC4085XLA-09BG432C
	XC4062XLA-08BG432I	XC4085XLA-08BG432I
	XC4062XLA-09BG432I	XC4085XLA-09BG432I
XC4062XLA-BG560	XC4062XLA-07BG560C	XC4085XLA-07BG560C
	XC4062XLA-08BG560C	XC4085XLA-08BG560C
	XC4062XLA-09BG560C	XC4085XLA-09BG560C
	XC4062XLA-08BG560I	XC4085XLA-08BG560I
	XC4062XLA-09BG560I	XC4085XLA-09BG560I
XC4062XLA-HQ160	XC4062XLA-07HQ160C	XC4085XLA-07HQ160C
	XC4062XLA-08HQ160C	XC4085XLA-08HQ160C

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<b>XC4000XLA Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
	XC4062XLA-09HQ160C	XC4085XLA-09HQ160C
	XC4062XLA-08HQ160I	XC4085XLA-08HQ160I
	XC4062XLA-09HQ160I	XC4085XLA-09HQ160I
XC4062XLA-HQ208	XC4062XLA-07HQ208C	XC4085XLA-07HQ208C
	XC4062XLA-08HQ208C	XC4085XLA-08HQ208C
	XC4062XLA-09HQ208C	XC4085XLA-09HQ208C
	XC4062XLA-08HQ208I	XC4085XLA-08HQ208I
	XC4062XLA-09HQ208I	XC4085XLA-09HQ208I
XC4062XLA-HQ240	XC4062XLA-07HQ240C	XC4085XLA-07HQ240C
	XC4062XLA-08HQ240C	XC4085XLA-08HQ240C
	XC4062XLA-09HQ240C	XC4085XLA-09HQ240C
	XC4062XLA-08HQ240I	XC4085XLA-08HQ240I
	XC4062XLA-09HQ240I	XC4085XLA-09HQ240I
XC4062XLA-HQ304	XC4062XLA-07HQ304C	
	XC4062XLA-08HQ304C	
	XC4062XLA-09HQ304C	
	XC4062XLA-08HQ304I	
	XC4062XLA-09HQ304I	
XC4085XLA-HQ304	XC4085XLA-07HQ304C	
	XC4085XLA-08HQ304C	
	XC4085XLA-09HQ304C	
	XC4085XLA-08HQ304I	
	XC4085XLA-09HQ304I	

## **XC4000E Discontinuation Summary**

Two packages and two devices in the XC4000E family are being removed entirely:

- Packages: VQ100 and HQ304
- Devices: XC4008E and XC4025E

In addition to the above devices and packages, the following device-package combinations are being discontinued:

- XC4005E-PQ208
- XC4006E-PC84
- XC4006E-TQ144
- XC4010E-HQ208

Not all recommended replacements identified in the far right column are drop-in replacements for the discontinued part numbers. In these cases, a redesign of the customer's board may be required. Customers may need to have the original design tools in order to support the re-design. Because of the maturity of the product, recommended replacements provide only a short term solution and there is no commitment for end of life expectancy. For long term solutions, please consider re-designing into the Spartan product family.

<b>XC4000E Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
XC4003E-VQ100	XC4003E-1VQ100C	
	XC4003E-2VQ100C	

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<b>XC4000E Family Member</b>	<b>Discontinued Part Number</b>	<b>Recommended Replacement</b>
	XC4003E-3VQ100C	
	XC4003E-4VQ100C	
	XC4003E-2VQ100I	
	XC4003E-3VQ100I	
	XC4003E-4VQ100I	
XC4005E-PQ208	XC4005E-1PQ208C	XC4006E-1PQ208C
	XC4005E-2PQ208C	XC4006E-2PQ208C
	XC4005E-3PQ208C	XC4006E-3PQ208C
	XC4005E-4PQ208C	XC4006E-4PQ208C
	XC4005E-2PQ208I	XC4006E-2PQ208I
	XC4005E-3PQ208I	XC4006E-3PQ208I
	XC4005E-4PQ208I	XC4006E-4PQ208I
XC4006E-PC84	XC4006E-1PC84C	XC4010E-1PC84C
	XC4006E-2PC84C	XC4010E-2PC84C
	XC4006E-3PC84C	XC4010E-3PC84C
	XC4006E-4PC84C	XC4010E-4PC84C
	XC4006E-2PC84I	XC4010E-2PC84I
	XC4006E-3PC84I	XC4010E-3PC84I
	XC4006E-4PC84I	XC4010E-4PC84I
XC4006E-TQ144	XC4006E-1TQ144C	
	XC4006E-2TQ144C	
	XC4006E-3TQ144C	
	XC4006E-4TQ144C	
	XC4006E-2TQ144I	
	XC4006E-3TQ144I	
	XC4006E-4TQ144I	
XC4008E-PC84	XC4008E-1PC84C	XC4010E-1PC84C
	XC4008E-2PC84C	XC4010E-2PC84C
	XC4008E-3PC84C	XC4010E-3PC84C
	XC4008E-4PC84C	XC4010E-4PC84C
	XC4008E-2PC84I	XC4010E-2PC84I
	XC4008E-3PC84I	XC4010E-3PC84I
	XC4008E-4PC84I	XC4010E-4PC84I
XC4008E-PQ160	XC4008E-1PQ160C	XC4010E-1PQ160C
	XC4008E-2PQ160C	XC4010E-2PQ160C
	XC4008E-3PQ160C	XC4010E-3PQ160C
	XC4008E-4PQ160C	XC4010E-4PQ160C
	XC4008E-2PQ160I	XC4010E-2PQ160I
	XC4008E-3PQ160I	XC4010E-3PQ160I
	XC4008E-4PQ160I	XC4010E-4PQ160I
XC4008E-PQ208	XC4008E-1PQ208C	XC4010E-1PQ208C
	XC4008E-2PQ208C	XC4010E-2PQ208C
	XC4008E-3PQ208C	XC4010E-3PQ208C
	XC4008E-4PQ208C	XC4010E-4PQ208C
	XC4008E-2PQ208I	XC4010E-2PQ208I

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XC4000E Family Member	Discontinued Part Number	Recommended Replacement
	XC4008E-3PQ208I	XC4010E-3PQ208I
	XC4008E-4PQ208I	XC4010E-4PQ208I
XC4010E-HQ208	XC4010E-1HQ208C	XC4013E-1HQ208C
	XC4010E-2HQ208C	XC4013E-2HQ208C
	XC4010E-3HQ208C	XC4013E-3HQ208C
	XC4010E-4HQ208C	XC4013E-4HQ208C
	XC4010E-2HQ208I	XC4013E-2HQ208I
	XC4010E-3HQ208I	XC4013E-3HQ208I
	XC4010E-4HQ208I	XC4013E-4HQ208I
XC4025E-HQ240	XC4025E-2HQ240C	
	XC4025E-3HQ240C	
	XC4025E-4HQ240C	
	XC4025E-3HQ240I	
	XC4025E-4HQ240I	
XC4025E-HQ304	XC4025E-2HQ304C	
	XC4025E-3HQ304C	
	XC4025E-4HQ304C	
	XC4025E-3HQ304I	
	XC4025E-4HQ304I	

## Response

Immediate response to this notification is not required. As was previously noted, some of the discontinued part numbers have direct pin-compatible replacements. Others have several indirect replacements. Please contact your [Xilinx Sales Representative](#) for assistance in planning for device replacement. 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
8/23/04	1.0	Initial release.
11/15/04	1.1	<ul style="list-style-type: none"> <li>• Modify to add XC4036XL-09HQ240C and XC4062XLA-HQ240</li> <li>• Modified and added numerous recommended replacement devices. Indicated whether replacements are drop-in replacements.</li> <li>• Fixed a typographical errors: <ul style="list-style-type: none"> <li>○ XC4006E-TQ144 was incorrectly listed as XC4006E-TQ100.</li> <li>○ XC4052XL-09BG560C was incorrectly listed as XC4052XL-09BG432C.</li> <li>○ Some I-grades were incorrectly listed as 1-grade.</li> </ul> </li> <li>• Resorted the part number listings alphabetically.</li> </ul>