



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

PDN2004-21 (v1.0) August 23, 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-HQ240
- XC4028XL-BG256

| XC4000XL Family Member | Discontinued Part Number | Recommended Replacement |
|------------------------|--------------------------|-------------------------|
| XC4005XL-PC84          | XC4005XL-1PC84C          |                         |
|                        | XC4005XL-2PC84C          |                         |
|                        | XC4005XL-3PC84C          |                         |
|                        | XC4005XL-09PC84C         |                         |

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| <b>XC4000XL Family Member</b> | <b>Discontinued Part Number</b> | <b>Recommended Replacement</b> |
|-------------------------------|---------------------------------|--------------------------------|
|                               | XC4005XL-1PC84I                 |                                |
|                               | XC4005XL-2PC84I                 |                                |
|                               | XC4005XL-3PC84I                 |                                |
| XC4005XL-PQ100                | XC4005XL-1PQ100C                | XC4010XL-1PQ100C               |
|                               | XC4005XL-2PQ100C                | XC4010XL-2PQ100C               |
|                               | XC4005XL-3PQ100C                | XC4010XL-3PQ100C               |
|                               | XC4005XL-09PQ100C               | XC4010XL-09PQ100C              |
|                               | XC4005XL-1PQ100I                | XC4010XL-1PQ100I               |
|                               | XC4005XL-2PQ100I                | XC4010XL-2PQ100I               |
|                               | XC4005XL-3PQ100I                | XC4010XL-3PQ100I               |
| XC4010XL-PC84                 | XC4010XL-1PC84C                 |                                |
|                               | XC4010XL-2PC84C                 |                                |
|                               | XC4010XL-3PC84C                 |                                |
|                               | XC4010XL-1PC84I                 |                                |
|                               | XC4010XL-2PC84I                 |                                |
|                               | XC4010XL-3PC84I                 |                                |
|                               | XC4010XL-09PC84C                |                                |
| XC4010XL-PQ160                | XC4010XL-1PQ160C                | XC4013XL-1PQ160C               |
|                               | XC4010XL-2PQ160C                | XC4013XL-2PQ160C               |
|                               | XC4010XL-3PQ160C                | XC4013XL-3PQ160C               |
|                               | XC4010XL-09PQ160C               | XC4013XL-09PQ160C              |
|                               | XC4010XL-1PQ160I                | XC4013XL-1PQ160I               |
|                               | XC4010XL-2PQ160I                | XC4013XL-2PQ160I               |
|                               | XC4010XL-3PQ160I                | XC4013XL-3PQ160I               |
| XC4013XL-HT176                | XC4013XL-1HT176C                |                                |
|                               | XC4013XL-2HT176C                |                                |
|                               | XC4013XL-3HT176C                |                                |
|                               | XC4013XL-1HT176I                |                                |
|                               | XC4013XL-2HT176I                |                                |
|                               | XC4013XL-3HT176I                |                                |
|                               | XC4013XL-09HT176C               |                                |
| XC4020XL-HT176                | XC4020XL-1HT176C                |                                |
|                               | XC4020XL-2HT176C                |                                |
|                               | XC4020XL-3HT176C                |                                |
|                               | XC4020XL-1HT176I                |                                |
|                               | XC4020XL-2HT176I                |                                |
|                               | XC4020XL-3HT176I                |                                |
|                               | XC4020XL-09HT176C               |                                |
| XC4020XL-PQ240                | XC4020XL-1PQ240C                |                                |
|                               | XC4020XL-2PQ240C                |                                |
|                               | XC4020XL-3PQ240C                |                                |
|                               | XC4020XL-1PQ240I                |                                |
|                               | XC4020XL-2PQ240I                |                                |
|                               | XC4020XL-3PQ240I                |                                |
|                               | XC4020XL-09PQ240C               |                                |

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| <b>XC4000XL Family Member</b> | <b>Discontinued Part Number</b> | <b>Recommended Replacement</b> |
|-------------------------------|---------------------------------|--------------------------------|
| XC4028XL-BG256                | XC4028XL-1BG256C                |                                |
|                               | XC4028XL-2BG256C                |                                |
|                               | XC4028XL-3BG256C                |                                |
|                               | XC4028XL-1BG256I                |                                |
|                               | XC4028XL-2BG256I                |                                |
|                               | XC4028XL-3BG256I                |                                |
|                               | XC4028XL-09BG256C               |                                |
|                               | XC4028XL-1HQ160C                |                                |
| XC4028XL-HQ160                | XC4028XL-2HQ160C                |                                |
|                               | XC4028XL-3HQ160C                |                                |
|                               | XC4028XL-1HQ160I                |                                |
|                               | XC4028XL-2HQ160I                |                                |
|                               | XC4028XL-3HQ160I                |                                |
|                               | XC4028XL-09HQ160C               |                                |
|                               | XC4028XL-1HQ304C                |                                |
|                               | XC4028XL-2HQ304C                |                                |
| XC4028XL-HQ304                | XC4028XL-3HQ304C                |                                |
|                               | XC4028XL-1HQ304I                |                                |
|                               | XC4028XL-2HQ304I                |                                |
|                               | XC4028XL-3HQ304I                |                                |
|                               | XC4028XL-09HQ304C               |                                |
|                               | XC4036XL-1BG432C                | XC4044XL -1BG432C              |
|                               | XC4036XL-2BG432C                | XC4044XL -2BG432C              |
|                               | XC4036XL-3BG432C                | XC4044XL -3BG432C              |
| XC4036XL-BG432                | XC4036XL-1BG432I                | XC4044XL -1BG432I              |
|                               | XC4036XL-2BG432I                | XC4044XL -2BG432I              |
|                               | XC4036XL-3BG432I                | XC4044XL -3BG432I              |
|                               | XC4036XL-09BG432C               | XC4044XL L-09BG432C            |
|                               | XC4036XL-1HQ160C                |                                |
|                               | XC4036XL-2HQ160C                |                                |
|                               | XC4036XL-3HQ160C                |                                |
|                               | XC4036XL-1HQ160I                |                                |
| XC4036XL-HQ160                | XC4036XL-2HQ160I                |                                |
|                               | XC4036XL-3HQ160I                |                                |
|                               | XC4036XL-09HQ160C               |                                |
|                               | XC4036XL-1HQ208C                | XC4044XL-1HQ208C               |
|                               | XC4036XL-2HQ208C                | XC4044XL-2HQ208C               |
|                               | XC4036XL-3HQ208C                | XC4044XL-3HQ208C               |
|                               | XC4036XL-1HQ208I                | XC4044XL-1HQ208I               |
|                               | XC4036XL-2HQ208I                | XC4044XL-2HQ208I               |
| XC4036XL-HQ208                | XC4036XL-3HQ208I                | XC4044XL-3HQ208I               |
|                               | XC4036XL-09HQ208C               | XC4044XL-09HQ208C              |
|                               | XC4036XL-1HQ240C                | XC4044XL-1HQ240C               |
|                               | XC4036XL-1HQ240I                | XC4044XL-1HQ240I               |
|                               | XC4036XL-2HQ240C                | XC4044XL-2HQ240C               |

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| <b>XC4000XL Family Member</b> | <b>Discontinued Part Number</b> | <b>Recommended Replacement</b> |
|-------------------------------|---------------------------------|--------------------------------|
|                               | XC4036XL-2HQ240I                | XC4044XL-2HQ240I               |
|                               | XC4036XL-3HQ240C                | XC4044XL-3HQ240C               |
|                               | XC4036XL-3HQ240I                | XC4044XL-3HQ240I               |
|                               | XC4036XL-09BG352C               | XC4044XL-09BG352C              |
|                               | XC4036XL-1BG352C                | XC4044XL-1BG352C               |
|                               | XC4036XL-2BG352C                | XC4044XL-2BG352C               |
|                               | XC4036XL-3BG352C                | XC4044XL-3BG352C               |
|                               | XC4036XL-1BG352I                | XC4044XL-1BG352I               |
|                               | XC4036XL-2BG352I                | XC4044XL-2BG352I               |
|                               | XC4036XL-3BG352I                | XC4044XL-3BG352I               |
| XC4036XL-HQ304                | XC4036XL-1HQ304C                |                                |
|                               | XC4036XL-2HQ304C                |                                |
|                               | XC4036XL-3HQ304C                |                                |
|                               | XC4036XL-1HQ304I                |                                |
|                               | XC4036XL-2HQ304I                |                                |
|                               | XC4036XL-3HQ304I                |                                |
|                               | XC4036XL-09HQ304C               |                                |
| XC4044XL-HQ160                | XC4044XL-1HQ160C                |                                |
|                               | XC4044XL-2HQ160C                |                                |
|                               | XC4044XL-3HQ160C                |                                |
|                               | XC4044XL-1HQ160I                |                                |
|                               | XC4044XL-2HQ160I                |                                |
|                               | XC4044XL-3HQ160I                |                                |
|                               | XC4044XL-09HQ160C               |                                |
| XC4044XL-HQ304                | XC4044XL-1HQ304C                | XC4052XL-1HQ304C               |
|                               | XC4044XL-2HQ304C                | XC4052XL-2HQ304C               |
|                               | XC4044XL-3HQ304C                | XC4052XL-3HQ304C               |
|                               | XC4044XL-1HQ304I                | XC4052XL-1HQ304I               |
|                               | XC4044XL-2HQ304I                | XC4052XL-2HQ304I               |
|                               | XC4044XL-3HQ304I                | XC4052XL-3HQ304I               |
|                               | XC4044XL-09HQ304C               | XC4052XL-09HQ304C              |
| XC4052XL-BG432                | XC4052XL-1BG432C                | XC4062XL-1BG432C               |
|                               | XC4052XL-2BG432C                | XC4062XL-2BG432C               |
|                               | XC4052XL-3BG432C                | XC4062XL-3BG432C               |
|                               | XC4052XL-1BG432I                | XC4062XL-1BG432I               |
|                               | XC4052XL-2BG432I                | XC4062XL-2BG432I               |
|                               | XC4052XL-3BG432I                | XC4062XL-3BG432C               |
|                               | XC4052XL-09BG432C               | XC4062XL-09BG432C              |

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

## 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

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

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

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| XC4000XLA Family Member | Discontinued Part Number | Recommended Replacement |
|-------------------------|--------------------------|-------------------------|
|                         | XC4062XLA-09BG432C       | XC4085XLA-09BG432C      |
|                         | XC4062XLA-09BG432I       | XC4085XLA-09BG432I      |
| XC4062XLA-BG560         | XC4062XLA-07BG560C       | XC4085XLA-07BG560C      |
|                         | XC4062XLA-08BG560C       | XC4085XLA-08BG560C      |
|                         | XC4062XLA-08BG560I       | XC4085XLA-08BG560I      |
|                         | XC4062XLA-09BG560C       | XC4085XLA-09BG560C      |
|                         | XC4062XLA-09BG560I       | XC4085XLA-09BG560I      |
| XC4085XLA-HQ304         | XC4085XLA-07HQ304C       |                         |
|                         | XC4085XLA-08HQ304C       |                         |
|                         | XC4085XLA-08HQ304I       |                         |
|                         | XC4085XLA-09HQ304C       |                         |
|                         | 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
- XC4008E-PC84
- XC4010E-HQ208

| XC4000E Family Member | Discontinued Part Number | Recommended Replacement |
|-----------------------|--------------------------|-------------------------|
| XC4003E-VQ100         | XC4003E-1VQ100C          |                         |
|                       | XC4003E-2VQ100C          |                         |
|                       | XC4003E-2VQ100I          |                         |
|                       | XC4003E-3VQ100C          |                         |
|                       | XC4003E-3VQ100I          |                         |
|                       | XC4003E-4VQ100C          |                         |
|                       | XC4003E-4VQ100I          |                         |
| XC4005E-PQ208         | XC4005E-1PQ208C          | XC4006E-1PQ208C         |
|                       | XC4005E-2PQ208C          | XC4006E-2PQ208C         |
|                       | XC4005E-2PQ208I          | XC4006E-2PQ208I         |
|                       | XC4005E-3PQ208C          | XC4006E-3PQ208C         |
|                       | XC4005E-3PQ208I          | XC4006E-3PQ208I         |
|                       | XC4005E-4PQ208C          | XC4006E-4PQ208C         |
|                       | XC4005E-4PQ208I          | XC4006E-4PQ208I         |
| XC4006E-PC84          | XC4006E-1PC84C           |                         |
|                       | XC4006E-2PC84C           |                         |
|                       | XC4006E-2PC84I           |                         |

| <b>XC4000E Family Member</b> | <b>Discontinued Part Number</b> | <b>Recommended Replacement</b> |
|------------------------------|---------------------------------|--------------------------------|
|                              | XC4006E-3PC84C                  |                                |
|                              | XC4006E-3PC84I                  |                                |
|                              | XC4006E-4PC84C                  |                                |
|                              | XC4006E-4PC84I                  |                                |
| XC4006E-TQ100                | XC4006E-1TQ144C                 |                                |
|                              | XC4006E-2TQ144C                 |                                |
|                              | XC4006E-2TQ144I                 |                                |
|                              | XC4006E-3TQ144C                 |                                |
|                              | XC4006E-3TQ144I                 |                                |
|                              | XC4006E-4TQ144C                 |                                |
|                              | XC4006E-4TQ144I                 |                                |
| XC4008E-PC84                 | XC4008E-1PC84C                  | XC4010E-1PC84C                 |
|                              | XC4008E-2PC84C                  | XC4010E-2PC84C                 |
|                              | XC4008E-2PC84I                  | XC4010E-2PC84I                 |
|                              | XC4008E-3PC84C                  | XC4010E-3PC84C                 |
|                              | XC4008E-3PC84I                  | XC4010E-3PC84I                 |
|                              | XC4008E-4PC84C                  | XC4010E-4PC84C                 |
|                              | XC4008E-4PC84I                  | XC4010E-4PC84I                 |
| XC4008E-PQ160                | XC4008E-1PQ160C                 | XC4010E-1PQ160C                |
|                              | XC4008E-2PQ160C                 | XC4010E-2PQ160C                |
|                              | XC4008E-2PQ160I                 | XC4010E-2PQ160I                |
|                              | XC4008E-3PQ160C                 | XC4010E-3PQ160C                |
|                              | XC4008E-3PQ160I                 | XC4010E-3PQ160I                |
|                              | XC4008E-4PQ160C                 | XC4010E-4PQ160C                |
|                              | XC4008E-4PQ160I                 | XC4010E-4PQ160I                |
| XC4008E-PQ208                | XC4008E-1PQ208C                 | XC4010E-1PQ208C                |
|                              | XC4008E-2PQ208C                 | XC4010E-2PQ208C                |
|                              | XC4008E-2PQ208I                 | XC4010E-2PQ208I                |
|                              | XC4008E-3PQ208C                 | XC4010E-3PQ208C                |
|                              | XC4008E-3PQ208I                 | XC4010E-3PQ208I                |
|                              | XC4008E-4PQ208C                 | XC4010E-4PQ208C                |
|                              | XC4008E-4PQ208I                 | XC4010E-4PQ208I                |
| XC4010E-HQ208                | XC4010E-1HQ208C                 | XC4013E-1HQ208C                |
|                              | XC4010E-2HQ208C                 | XC4013E-2HQ208C                |
|                              | XC4010E-2HQ208I                 | XC4013E-2HQ208I                |
|                              | XC4010E-3HQ208C                 | XC4013E-3HQ208C                |
|                              | XC4010E-3HQ208I                 | XC4013E-3HQ208I                |
|                              | XC4010E-4HQ208C                 | XC4013E-4HQ208C                |
|                              | XC4010E-4HQ208I                 | XC4013E-4HQ208I                |
| XC4025E-HQ240                | XC4025E-2HQ240C                 |                                |
|                              | XC4025E-3HQ240C                 |                                |
|                              | XC4025E-3HQ240I                 |                                |
|                              | XC4025E-4HQ240C                 |                                |
|                              | XC4025E-4HQ240I                 |                                |

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| XC4000E Family Member | Discontinued Part Number | Recommended Replacement |
|-----------------------|--------------------------|-------------------------|
| XC4025E-HQ304         | XC4025E-2HQ304C          |                         |
|                       | XC4025E-3HQ304C          |                         |
|                       | XC4025E-3HQ304I          |                         |
|                       | XC4025E-4HQ304C          |                         |
|                       | 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. |