

Overview

The purpose of this notification is to communicate a change in the assembly location for lead frame devices from Amkor Technology Korea (ATK) to Amkor Technology Philippines (ATP). Xilinx's commercial devices have been qualified and in production at ATP for over 10 years. This notification applies to all TQG100, TQG144, VQG44 and VQG100 for Automotive (XA) CoolRunner™-II CPLD family.

Description

Xilinx's Assembly Supplier Amkor plans to close their facilities in Korea that assemble with Lead frame TQG100, TQG144, VQG44 and VQG100 packages. The supplier is transferring assembly of mature TQG and VQG devices to Amkor Philippines plant to streamline operations and improve productivity.

As part of this transition, a minor topside marking will be changed from 'A' to 'F' for the TQG100, TQG144, VQG44 and VQG100 packages. Please refer to [Figure 1](#) below for an illustration of the new topside marking changes.

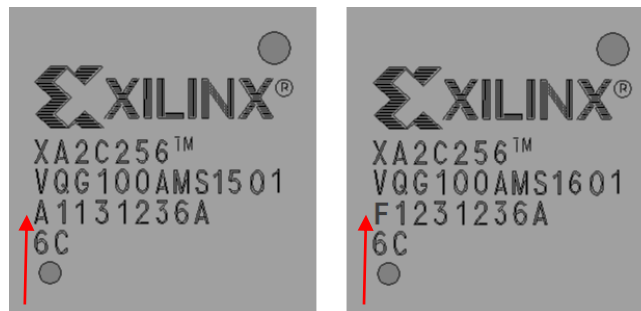
There is no change to the fit or function of these devices. The only change that affects the "form" of these devices is the minor topside marking change.

Products Affected

This change affects all standard, specification control document (SCD) Automotive (XA) grade devices listed in [Table 1](#).

Table 1: Affected Automotive CoolRunner-II CPLD Devices Family

Device	Device	Device	Device
XA2C128-7VQG100I	XA2C256-7VQG100I4085	XA2C384-10TQG144I	XA2C64A-8VQG100Q
XA2C128-7VQG100I0100	XA2C256-8VQG100Q	XA2C384-11TQG144Q	XA2C64A-8VQG44Q
XA2C128-8VQG100Q	XA2C256-8TQG144Q	XA2C64A-7VQG100I	XA2C64A-8VQG44Q4011
XA2C256-7TQG144I	XA2C32A-6VQG44I	XA2C64A-7VQG100I0100	
XA2C256-7VQG100I	XA2C32A-7VQG44Q	XA2C64A-7VQG44I	



“A”=Amkor Korea

“F”=Amkor Philippines

Figure 1: Sample Marking for Fabrication Change for XA2C Device in VQG100 Package

Key Dates and Ordering Information

Customers are able to identify Amkor Philippines assembled products from the effective date code “1513” or after.

All product assembled against orders starting with the cut over date code “1513” (March 22, 2015) will be marked with the new date code and will be shipped from the Amkor Philippines assembly facility.

Qualification Data

Qualification data is available upon request.

Response

A response of acceptance for PPAP revision is required within 30 days and approval within 90 days of this notice. For additional information or questions, please contact your local Xilinx Automotive or Sales representative.

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Revision History

The following table shows the revision history for this document:

Date	Version	Description of Revisions
09/29/2014	1.0	Initial release.
03/02/2015	1.1	Revised to show Key Dates implementation date code will be “1513”.

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