



## Adding SUNRISE Plastics Industry Shipping Tray for 28mm x 28mm QFP Packages and 31mm x 31mm BGA Packages

XCN10017 (v1.1) April 26, 2010

Customer Notification – For Your Information

### Overview

The purpose of this notification is to advise customers that Xilinx has added an alternate shipping tray for 28mm x 28mm QFP packages and 31mm x 31mm BGA packages.

### Description

Xilinx is adding a new shipping tray produced by SUNRISE Plastics Industry for the 28mm x 28mm QFP packages and 31mm x 31mm BGA packages. The SUNRISE Plastics Industry tray matrices are designed to be compatible with current Kostat shipping trays. The SUNRISE Plastics Industry trays are stackable with Kostat trays, and will have the same X/Y tray dimensions as the Kostat trays.

The new shipping trays have passed Xilinx® internal qualification requirements. Xilinx will begin shipping the products in the SUNRISE Plastics Industry shipping trays starting April 1, 2010.

Table 1: Tray Information

Tray Description	Current Tray		Additional Tray
	Kostat Tray Part Number	Xilinx Drawing	SUNRISE Plastics Industry Tray Part Number
TRAY, LOW PROFILE MQFP 28MM X 28MM	KS-8201A	SIT0063	MJ-015
TRAY, LOW PROFILE PBGA 31MM X 31MM	KS-880102	SIT0099	BJ-251

Tray 1: Kostat 28mm x 28mm MQFP  
KS-8201A

SUNRISE 28mm x 28mm MQFP  
MJ-015

Tray 2: Kostat 31mm x 231mm PBGA  
KS-880117

SUNRISE 31mm x 31mm PBGA  
BJ-251

## Products Affected

This notification applies only to the following Xilinx Commercial and Military part numbers and all associated SCD part numbers (see Table 2).

*Table 2: Affected Devices and Packages*

Device	Package
XC2V1000	BG575
XC2V1500	BG575
XC2V2000	BG575
XQ2V1000	BG575
XQR2V1000	BG575
XC3S2000	FG900/FGG900
XC3S4000	FG900/FGG900
XC3S5000	FG900/FGG900
XCV1000E	FG900/FGG900
XCV1600E	FG900/FGG900
XCV600E	FG900/FGG900
XCV812E	FG900/FGG900
XC4052XLA <sup>1</sup>	HQ160
XC4013E <sup>1</sup>	HQ208
XC4036XLA <sup>1</sup>	HQ208
XC4052XLA <sup>1</sup>	HQ208
XC5215 <sup>1</sup>	HQ208
XC95288 <sup>1</sup>	HQ208
XQ4010E	HQ208
XC4005E <sup>2</sup>	PQ160
XC4010E <sup>2</sup>	PQ160
XC4013E <sup>2</sup>	PQ160
XC5204 <sup>1</sup>	PQ160
XC5206 <sup>1</sup>	PQ160
XC5210 <sup>1</sup>	PQ160
XC5215 <sup>1</sup>	PQ160
XC95108	PQ160
XC95144	PQ160
XC95216	PQ160
XC2C256	PQ208
XC2C384	PQ208

Device	Package
XC2C512	PQ208
XC2S100	PQ208
XC2S100E	PQ208
XC2S150	PQ208
XC2S150E	PQ208
XC2S200	PQ208
XC2S200E	PQ208
XC2S300E	PQ208
XC2S50	PQ208
XC2S50E	PQ208
XC3S200	PQ208
XC3S250E	PQ208
XC3S400	PQ208
XC3S50	PQ208
XC3S500E	PQ208
XC4010E <sup>2</sup>	PQ208
XC4013E <sup>2</sup>	PQ208
XC4013XLA <sup>2</sup>	PQ208
XC4020XLA <sup>2</sup>	PQ208
XC5206 <sup>1</sup>	PQ208
XC5210 <sup>1</sup>	PQ208
XC95288XL	PQ208
XCR3256XL	PQ208
XCR3384XL	PQ208
XCR3512XL	PQ208
XCS20	PQ208
XCS20XL	PQ208
XCS30	PQ208
XCS30XL	PQ208
XCS40	PQ208
XCS40XL	PQ208

Note 1: These devices are discontinued, but still in the Last Time Ship phase so last time buys may be shipped with the new shipping trays.

Note 2: These devices are currently under discontinuation per [XCN09002](#) but are still under the jurisdiction of this change notice and may be shipped with the new shipping trays.

## Response

No response is required. 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	Description of Revisions
04/19/10	1.0	Initial release.
04/26/10	1.1	Corrected title description from ‘RUNRISE’ to ‘SUNRISE’. Added foot notes and removed discontinued device/package combinations from <a href="#">Table 2</a> .

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