

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.

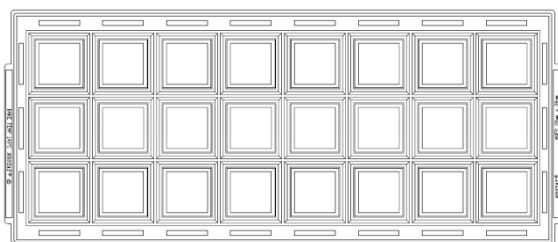
Description

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.

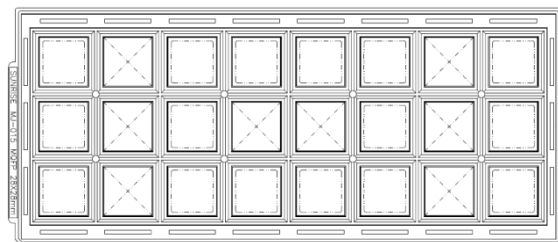
The new shipping trays have passed Xilinx® internal qualification requirements. Xilinx will begin shipping the products in the SUNRISE Plastics Industry shipping trays starting April 1, 2010.

Table 1: Tray Information

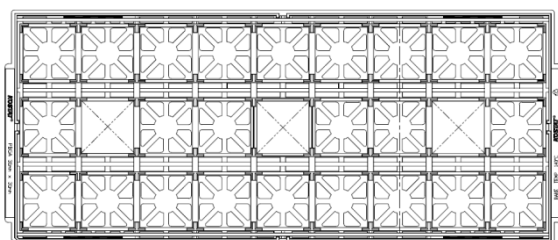
Tray Description	Current Tray		Additional Tray
	Kostat Tray Part Number	Xilinx Drawing	SUNRISE Plastics Industry Tray Part Number
TRAY, LOW PROFILE MQFP 28MM X 28MM	KS-8201A	SIT0063	MJ-015
TRAY, LOW PROFILE PBGA 31MM X 31MM	KS-880102	SIT0099	BJ-251



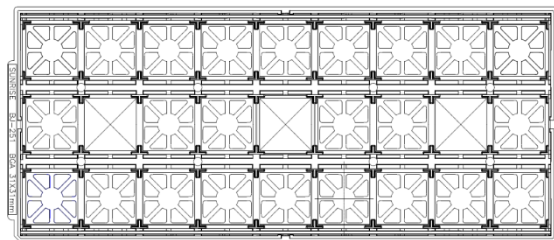
Tray 1: Kostat 28mm x 28mm MQFP
KS-8201A



SUNRISE 28mm x 28mm MQFP
MJ-015



Tray 2: Kostat 31mm x 31mm 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	Device	Package
XC2V1000	BG575	XC2C512	PQ208
XC2V1500	BG575	XC2S100	PQ208
XC2V2000	BG575	XC2S100E	PQ208
XQ2V1000	BG575	XC2S150	PQ208
XQR2V1000	BG575	XC2S150E	PQ208
XC3S2000	FG900/FGG900	XC2S200	PQ208
XC3S4000	FG900/FGG900	XC2S200E	PQ208
XC3S5000	FG900/FGG900	XC2S300E	PQ208
XCV1000E	FG900/FGG900	XC2S50	PQ208
XCV1600E	FG900/FGG900	XC2S50E	PQ208
XCV600E	FG900/FGG900	XC3S200	PQ208
XCV812E	FG900/FGG900	XC3S250E	PQ208
XC4052XLA ¹	HQ160	XC3S400	PQ208
XC4013E ¹	HQ208	XC3S50	PQ208
XC4036XLA ¹	HQ208	XC3S500E	PQ208
XC4052XLA ¹	HQ208	XC4010E ²	PQ208
XC5215 ¹	HQ208	XC4013E ²	PQ208
XC95288 ¹	HQ208	XC4013XLA ²	PQ208
XQ4010E	HQ208	XC4020XLA ²	PQ208
XC4005E ²	PQ160	XC5206 ¹	PQ208
XC4010E ²	PQ160	XC5210 ¹	PQ208
XC4013E ²	PQ160	XC95288XL	PQ208
XC5204 ¹	PQ160	XCR3256XL	PQ208
XC5206 ¹	PQ160	XCR3384XL	PQ208
XC5210 ¹	PQ160	XCR3512XL	PQ208
XC5215 ¹	PQ160	XCS20	PQ208
XC95108	PQ160	XCS20XL	PQ208
XC95144	PQ160	XCS30	PQ208
XC95216	PQ160	XCS30XL	PQ208
XC2C256	PQ208	XCS40	PQ208
XC2C384	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](#).

Important Notice: Xilinx Customer Notifications (XCNs, XDNs, and Quality Alerts) can be delivered via e-mail alerts sent by the Support website (<http://www.xilinx.com/support>). Register today and personalize your “Documentation and Design Advisory Alert” area to include Customer Notifications. Xilinx Support 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, etc. For information 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	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 Table 2 .

Notice of Disclaimer

THE XILINX HARDWARE FPGA AND CPLD DEVICES REFERRED TO HEREIN (“PRODUCTS”) ARE SUBJECT TO THE TERMS AND CONDITIONS OF THE XILINX LIMITED WARRANTY WHICH CAN BE VIEWED AT <http://www.xilinx.com/warranty.htm>. THIS LIMITED WARRANTY DOES NOT EXTEND TO ANY USE OF PRODUCTS IN AN APPLICATION OR ENVIRONMENT THAT IS NOT WITHIN THE SPECIFICATIONS STATED ON THE XILINX DATA SHEET. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. PRODUCTS ARE NOT DESIGNED OR INTENDED TO BE FAIL-SAFE, OR FOR USE IN ANY APPLICATION REQUIRING FAIL-SAFE PERFORMANCE, SUCH AS LIFESUPPORT OR SAFETY DEVICES OR SYSTEMS, OR ANY OTHER APPLICATION THAT INVOKES THE POTENTIAL RISKS OF DEATH, PERSONAL INJURY OR PROPERTY OR ENVIRONMENTAL DAMAGE (“CRITICAL APPLICATIONS”). USE OF PRODUCTS IN CRITICAL APPLICATIONS IS AT THE SOLE RISK OF CUSTOMER, SUBJECT TO APPLICABLE LAWS AND REGULATIONS. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.