



Product Change Notification



Product Group: Vishay Siliconix/ Nov 3, 2014/ PCN-SIL-1012014 Rev 0

Additional Wafer Fabrication Capacity and Package Design Enhancements for DG2722, DG2726 & DG2730

DESCRIPTION OF CHANGE: To meet increasing demand, Vishay Siliconix has qualified Tower Jazz, Israel as an additional wafer fabrication site. In addition, to improve manufacturing throughput, the ball-stitch-on-ball (BSOB) bonding using 1.0mil Au wire has been replaced by forward bonding using 1.0 mil Pd Coated Cu wire

CLASSIFICATION OF CHANGE: Wafer Site, Package design enhancements

REASON FOR CHANGE: Additional Wafer Fabrication Capacity, Improved assembly manufacturing throughput

EXPECTED INFLUENCE ON PERFORMANCE/QUALITY/RELIABILITY: The product performance in the new wafer FAB meet or exceed performance required in the application. The package design enhancements have no impact on product performance, quality or reliability. Some minor changes between the products manufactured in the two wafer sites are noted below:

	Version Manufactured in Vishay Siliconix Santa Clara	Version Manufactured in Tower Jazz, Israel
Maximum operation voltage	4.3V	5.5V
Latch up current	300mA	500mA
ESD/HBM	8KV	5KV
Off-Isolation	-30 dB	-29 dB
Cross Talk	-45 dB	-36 dB

The two versions can be used interchangeably in the application with no discernable difference in performance.

PRODUCT CATAGORY: ICs

PART NUMBERS AFFECTED:

DG2730DN-T1-GE4
DG2722DN-T1-GE4
DG2726DN-T1-GE4

VISHAY BRAND(s): Vishay-Siliconix

TIME SCHEDULE: Shipment of products with wafers from Tower and new assembly process will begin February 3, 2015

SAMPLE AVAILABILITY: Please contact your regional Vishay Sales office for sample availability

This PCN is for notification purposes only. Your response is not required. If you have any questions, please contact your local Vishay Sales Office.

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