



Product Change Notification



Product Group: DIODES / March 2nd, 2015 / PCN-DD-007-2015 Rev 0

Additional Assembly Site for D67 modules and 6 inches qualification for Schottky diodes

DESCRIPTION OF CHANGE:

Vishay Semiconductor India Ltd. have been qualified as an additional site for the assembly of D67 Power Modules.

The Silicon Wafer diameter used as raw material for configurations based Schottky diode will change from 5 inches (125 mm) to 6 inches (150 mm) and manufacturing process will be adapted to 6" existing lines.

No changes in wafer size for configurations based on Ultrafast diodes and standard recovery diodes.

The die attach solder composition used in all assembly sites of D67 Power modules will be Sn/Ag.

CLASSIFICATION OF CHANGE:

Assembly site – Assembly Process/Structure - Wafer/Chip/Pellet Layout/Design

REASON FOR CHANGE: Capacity increase and Wafer Fab process consolidation

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

There will be no effect on the quality, reliability and/or performances.

No changes are expected in form, fit, and function of the device in customer's application.

PRODUCT CATEGORY: Modules

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Diode technology	Part Number
Schottky diode	VS-120NQ045PBF
	VS-121NQ045PBF
	VS-122NQ030PBF
	VS-123NQ100PBF
	VS-125NQ015PBF
	VS-180NQ045PBF
	VS-182NQ030PBF
	VS-183NQ100PBF
	VS-240NQ045PBF
	VS-241NQ045PBF
	VS-242NQ030PBF
	VS-243NQ100PBF
	VS-245NQ015PBF
	VS-249NQ150PBF
Ultrafast diode	VS-VSUD200CH20PBF
	VS-VSUD200CH40PBF
	VS-VSUD200CH60PBF

Any additional D67 module part numbers released to production after the effective date of this PCN will be covered by this announcement

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE: Starting from June 1st, 2015 Vishay will gradually start to implement the above changes.

SAMPLE AVAILABILITY: Samples available upon request

PRODUCT IDENTIFICATION: ‘Made in India’ in the product label

QUALIFICATION DATA: Qualification report available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before May 4th 2015 or as specified by contract.

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