



Product Change Notification



Product Group: DIODES / August 4th, 2014 / PCN-DD-017-2014 Rev 0

Additional Assembly Site for TO244 modules and 6 inches qualification for Schottky diode used in same modules

DESCRIPTION OF CHANGE:

Vishay Semiconductor India Ltd. have been qualified as an additional site for the assembly of TO244 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 (Fred, Hexfred) diodes and standard recovery diodes.

CLASSIFICATION OF CHANGE:

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

REASON FOR CHANGE: Capacity increase

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
Ultrafast diode	VS-HFA140NJ60CPBF
	VS-HFA210NJ60CPBF
	VS-HFA240NJ40CPBF
	VS-HFA280NJ60CPBF
	VS-HFA320NJ40CPBF
	VS-99-2046
	VS-S1240
	VS-S1241
	VS-S1242
	VS-VSHD320CW40
	VS-VSUD360CW40
	VS-VSUD400CW20
	VS-VSUD400CW60
	VS-VSUD410CW60
	VS-VSUD405CW60

Diode technology	Part Number
Standard recovery diode	VS-VSMD400AW60
	VS-S1557
	VS-VSMD400CW60
Schottky diode	VS-200CNQ045PBF
	VS-201CNQ045PBF
	VS-201CNQ050PBF
	VS-203CNQ100PBF
	VS-209CNQ135PBF
	VS-209CNQ150PBF
	VS-220CNQ030PBF
	VS-300CNQ045PBF
	VS-301CNQ040PBF
	VS-301CNQ045PBF
	VS-303CNQ100PBF
	VS-400CNQ045PBF
	VS-401CNQ040PBF
	VS-401CNQ045PBF
	VS-403CNQ100PBF
	VS-403CNQ100-S1
	VS-409CNQ150PBF
	VS-440CNQ030PBF
VS-409CNQ135PBF	

Any additional TO244 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 October 13th, 2014, 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 October 6th, 2014 or as specified by contract.

ISSUED BY:

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