



Product Change Notification



Product Group: Diodes / October 3rd, 2011 / PCN-HPP-011-2011 Rev. 0

6 inches qualification for Modules using Fred 200 & 600 Volt

DESCRIPTION OF CHANGE: The Silicon Wafer diameter used as raw material will change from 5 inches (125 mm) to 6 inches (150 mm). On the below 600V part numbers, a new optimized termination design allowed to shrink die size of 3 mils without changing diode active area.

CLASSIFICATION OF CHANGE: Wafer/Chip/Pellet Layout/Design

REASON FOR CHANGE: Continuous Improvement

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on the quality, reliability and/or performances.

PRODUCT CATEGORY: Modules

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Material	Package	New Termination
VS-EMF050J60U	EMI-PAK	Yes
VS-EMG050J60N	EMI-PAK	No
VS-EMF050T60U	EMI-PAK	Yes
VS-EMG070J60U	EMI-PAK	Yes
VS-EMF050T60N	EMI-PAK	No
VS-EME050T60N	EMI-PAK	No
VS-EMB050T60N	EMI-PAK	No
VS-EMJ050T60N	EMI-PAK	No
VS-VSUD200CH20PBF	HALF-PAK	No
VS-VSUD200CH60PBF	HALF-PAK	No
VS-GA100TS60SF	IAP IGBT	No
VS-GA100TS60SFPBF	IAP IGBT	No
VS-20MT060KF	MTP ALN	No
VS-100MT060WDF	MTP SWITCH	No
VS-100MT060WSP	MTP SWITCH	Yes
VS-150MT060WDF	MTP SWITCH	No
VS-20MT050XC	MTP SWITCH	No
VS-70MT060WSP	MTP SWITCH	No
VS-GB70LA60UF	SOT-227	Yes
VS-GB70NA60UF	SOT-227	Yes
VS-GT100DA60U	SOT-227	Yes

Vishay Intertechnology, Inc.

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Material	Package	New Termination
VS-S1497	SOT-227	No
VS-UFB120FA20P	SOT-227	No
VS-UFB120FA60P	SOT-227	No
VS-UFB200FA20P	SOT-227	No
VS-UFB200FA60P	SOT-227	No
VS-UFB60FA20P	SOT-227	No
VS-UFB60FA60P	SOT-227	No
VS-UFL120FA60P	SOT-227	No
VS-UFL200CB60P	SOT-227	No
VS-UFL200FA60P	SOT-227	No
VS-UFL60FA60P	SOT-227	No
VS-VSUD400CW20	TO-244	No
VS-VSUD400CW60	TO-244	No

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE: After December 5th, 2011 Vishay will gradually switch production from 8 inches to 6 inches and the customer may receive products manufactured from both wafer diameters.

SAMPLE AVAILABILITY: Approximately 8 weeks depending on P/N

We need samples for evaluation: Yes No
If Yes return this form to Fabio Modaro – Product Marketing Manager

PRODUCT IDENTIFICATION: Lot number.

QUALIFICATION DATA: Qualification report available on demand

This PCN is considered approved, without further notification, unless we receive specific customer concerns before November 7th, 2011 or as specified by contract.

ISSUED BY:

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