



# Product Change Notification



Product Group: Diodes / October 3<sup>rd</sup>, 2011 / PCN-HPP-009-2011 Rev. 0

## 6 inches qualification for Fred 200 & 600 Volt Products

**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:** Diodes

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

Material	Package	New Termination
VS-96-1210PBF	D-PAK	No
VS-99-2038PBF	D-PAK	No
VS-94-2142	Powertab	No
VS-99-2050	Die on film	No
VS-99-8012	Die on film	No
VS-99-8101	Die on film	No
VS-99-8015	Die T&R	No
VS-S1566	Die T&R	No
VS-15ETH06-1PBF	D2PAK	Yes
VS-15ETH06SPBF	D2PAK	Yes
VS-15ETH06STRLPBF	D2PAK	Yes
VS-15ETH06STRRPBF	D2PAK	Yes
VS-15ETL06-1PBF	D2PAK	Yes
VS-15ETL06SPBF	D2PAK	Yes
VS-15ETL06STRLPBF	D2PAK	Yes
VS-15ETL06STRRPBF	D2PAK	Yes
VS-15ETX06-1PBF	D2PAK	Yes
VS-15ETX06SPBF	D2PAK	Yes
VS-15ETX06STRLPBF	D2PAK	Yes
VS-15ETX06STRRPBF	D2PAK	Yes
VS-30ETH06-1PBF	D2PAK	Yes
VS-30ETH06SPBF	D2PAK	Yes
VS-30ETH06STRLPBF	D2PAK	Yes
VS-30ETH06STRRPBF	D2PAK	Yes
VS-8ETH06-1PBF	D2PAK	Yes
VS-8ETH06SPBF	D2PAK	Yes
VS-8ETH06STRLPBF	D2PAK	Yes
VS-8ETH06STRRPBF	D2PAK	Yes
VS-8ETL06-1PBF	D2PAK	Yes
VS-8ETL06SPBF	D2PAK	Yes

Vishay Intertechnology, Inc.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

Material	Package	New Termination
VS-8ETL06STRLPBF	D2PAK	Yes
VS-8ETL06STRRPBF	D2PAK	Yes
VS-8ETX06-1PBF	D2PAK	Yes
VS-8ETX06SPBF	D2PAK	Yes
VS-8ETX06STRLPBF	D2PAK	Yes
VS-8ETX06STRRPBF	D2PAK	Yes
VS-99-8026PBF	D2PAK	Yes
VS-99-8103PBF	D2PAK	Yes

**VISHAY BRAND(s):** Vishay Semiconductors

**TIME SCHEDULE:** After December 5<sup>th</sup>, 2011 Vishay will gradually switch production from 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 Alessandro Bonaudo – 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 7<sup>th</sup>, 2011 or as specified by contract.**

**ISSUED BY:**

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**For further information, please contact your regional Vishay office.**

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