



# Product Change Notification



Product Group: High Power Products /June 17, 2008/ PCN-HPP 014-2008 Rev. 0

## Wafer Fab Site Change

**DESCRIPTION OF CHANGE:** Transfer of Wafer Fabrication Site from Temecula, California (International Rectifier production site) to Torino, Italy (Vishay production site). Vishay Semiconductor Italiana Fab is already producing Schottky, Fred, and Hexfred Gen 2 wafers. The most significant difference will be the wafer diameter moving from 6" to 5", in addition there is a wafer thickness change and a minor die size change in some cases as specified below.

**CLASSIFICATION OF CHANGE:** Wafer Fab transfer and Product Obsolescence

**REASON FOR CHANGE:** Consolidation of Hexfred production in Turin Wafer FAB. New P/N's will be created to simplify the transaction from 6" to 5".

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** none. There will be not effect on the Quality and Reliability,

**PRODUCT CATEGORY:** HPP Rectifier – Hexfred Diode 600V-1200V

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

Obsolated Parts			Replacement Parts		
PN	Die size	Thickness	PN	Die size	Thickness
HF01E060ACE	51x52 mils	14.8 mils	H3051D06A5B	51x51 mils	14.8 mils
HF01E060ACF	51x52 mils	14.8 mils	H3051D06A5F	51x51 mils	14.8 mils
HF03D060ACE	65x67 mils	14.8 mils	H3065D06A5B	65x66 mils	14.8 mils
HF03D060ACF	65x67 mils	14.8 mils	H3065D06A5F	65x66 mils	14.8 mils
HF05D060ACE	75x76 mils	14.8 mils	H3075D06A5B	75x76 mils	14.8 mils
HF05D060ACF	75x76 mils	14.8 mils	H3075D06A5F	75x76 mils	14.8 mils
HF100D060ACE	232x231 mils	14.8 mils	H3230D06A5B	231x230 mils	14.8 mils
HF100D060ACF	232x231 mils	14.8 mils	H3230D06A5F	231x230 mils	14.8 mils
HF10D120ACD	90x91 mils	13 mils	H3090D12A5D	90x91 mils	11.4 mils
HF10D120ACE	90x91 mils	13 mils	H3090D12A5B	90x91 mils	11.4 mils
HF10D120ACF	90x91 mils	13 mils	H3090D12A5F	90x91 mils	11.4 mils
HF15D060ACD	86x131 mils	14.8 mils	H3085D06A5D	85x131 mils	14.8 mils
HF15D060ACE	86x131 mils	14.8 mils	H3085D06A5B	85x131 mils	14.8 mils
HF15D060ACF	86x131 mils	14.8 mils	H3085D06A5F	85x131 mils	14.8 mils
HF20D120ACD	107x130 mils	13 mils	H3107D12A5D	107x130 mils	11.4 mils
HF20D120ACE	107x130 mils	13 mils	H3107D12A5B	107x130 mils	11.4 mils
HF20D120ACF	107x130 mils	13 mils	H3107D12A5F	107x130 mils	11.4 mils
HF240D060ACE	356x356 mils	14.8 mils	H3356D06A5B	356x356 mils	14.8 mils
HF30D060ACE	136x136 mils	14.8 mils	H3135D06A5B	135x135 mils	14.8 mils
HF30D060ACF	136x136 mils	14.8 mils	H3135D06A5F	135x135 mils	14.8 mils
HF30D120ACD	116x156 mils	13 mils	H3115D12A5D	115x155 mils	11.4 mils
HF30D120ACE	116x156 mils	13 mils	H3115D12A5B	115x155 mils	11.4 mils
HF40D120ACD	160x220 mils	13 mils	H3169D12A5D	160x220 mils	11.4 mils
HF40D120ACE	160x220 mils	13 mils	H3169D12A5B	160x220 mils	11.4 mils
HF40D120ACF	160x220 mils	13 mils	H3169D12A5F	160x220 mils	11.4 mils
HF40E120ACD	169x220 mils	13 mils	H3169E12A5D	169x220 mils	11.4 mils
HF40E120ACE	169x220 mils	13 mils	H3169E12A5B	169x220 mils	11.4 mils
HF50D060ACD	172x172 mils.	14.8 mils	H3171D06A5D	171x171 mils.	14.8 mils
HF50D060ACE	172x172 mils.	14.8 mils	H3171D06A5B	171x171 mils.	14.8 mils
HF50D060ACF	172x172 mils.	14.8 mils	H3171D06A5F	171x171 mils.	14.8 mils
HF50D120ACE	257x257 mils	13 mils	H3257D12A5B	257x257 mils	11.4 mils
HF51D120ACD	340x196 mils	13 mils	H3195D12A5D	340x195 mils	11.4 mils
HF51D120ACE	340x196 mils	13 mils	H3195D12A5B	340x195 mils	11.4 mils
HF70D120ACE	234x443 mils	13 mils	H3234D12A5B	234x443 mils	11.4 mils
HF72D120ACE	357x357 mils	13 mils	H3357D12A5B	357x357 mils	11.4 mils
HF72D120ACF	357x357 mils	13 mils	H3357D12A5F	357x357 mils	11.4 mils

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

**TIME SCHEDULE:**

Order on new PN's from: September 17, 2008  
Last time buy date old PN's: September 17, 2008  
Last shipment date: December 31, 2008  
Expiration of Ship & Debit : December 31, 2008

**SAMPLE AVAILABILITY:** 30 (thirty) days after request is received, contact factory for details.

**PRODUCT IDENTIFICATION:** Wafer diameter, Part Number and Lot Number

**QUALIFICATION DATA:** Qualification and report are available upon request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before July 17<sup>th</sup> 2008 or as specified by contract.**

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

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