



# Product Change Notification



Product Group: Diodes Division / December 24, 2018 / PCN-DD-025-2018 Rev 0

## 6 inch Wafer for Low Voltage ( $\leq 20V$ ) SMBJxx(C)D and Non-automotive Grade SMC5K Products

**DESCRIPTION OF CHANGE:** Vishay Diodes Division will have additional 6 inch wafer capacity for SMBJ5.0(C)D~20(C)D-M3 and non-automotive grade SMC5K10A~20A-M3 TransZorb® TVS product. There will be no change in form, fit and function of final products.

**CLASSIFICATION OF CHANGE:** Wafer diameter

**REASON FOR CHANGE:** Capacity expansion

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:**

No changes in quality and reliability performance

**PRODUCT CATEGORY:** TransZorb® TVS

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Involved part numbers are listed below.

SMB (DO-214AA) Package			
SMBJ5.0D-M3/H	SMBJ11D-M3/H	SMBJ5.0CD-M3/H	SMBJ11CD-M3/H
SMBJ5.0D-M3/I	SMBJ11D-M3/I	SMBJ5.0CD-M3/I	SMBJ11CD-M3/I
SMBJ6.0D-M3/H	SMBJ12D-M3/H	SMBJ6.0CD-M3/H	SMBJ12CD-M3/H
SMBJ6.0D-M3/I	SMBJ12D-M3/I	SMBJ6.0CD-M3/I	SMBJ12CD-M3/I
SMBJ6.5D-M3/H	SMBJ13D-M3/H	SMBJ6.5CD-M3/H	SMBJ13CD-M3/H
SMBJ6.5D-M3/I	SMBJ13D-M3/I	SMBJ6.5CD-M3/I	SMBJ13CD-M3/I
SMBJ7.0D-M3/H	SMBJ14D-M3/H	SMBJ7.0CD-M3/H	SMBJ14CD-M3/H
SMBJ7.0D-M3/I	SMBJ14D-M3/I	SMBJ7.0CD-M3/I	SMBJ14CD-M3/I
SMBJ7.5D-M3/H	SMBJ15D-M3/H	SMBJ7.5CD-M3/H	SMBJ15CD-M3/H
SMBJ7.5D-M3/I	SMBJ15D-M3/I	SMBJ7.5CD-M3/I	SMBJ15CD-M3/I
SMBJ8.0D-M3/H	SMBJ16D-M3/H	SMBJ8.0CD-M3/H	SMBJ16CD-M3/H
SMBJ8.0D-M3/I	SMBJ16D-M3/I	SMBJ8.0CD-M3/I	SMBJ16CD-M3/I
SMBJ8.5D-M3/H	SMBJ17D-M3/H	SMBJ8.5CD-M3/H	SMBJ17CD-M3/H
SMBJ8.5D-M3/I	SMBJ17D-M3/I	SMBJ8.5CD-M3/I	SMBJ17CD-M3/I
SMBJ9.0D-M3/H	SMBJ18D-M3/H	SMBJ9.0CD-M3/H	SMBJ18CD-M3/H
SMBJ9.0D-M3/I	SMBJ18D-M3/I	SMBJ9.0CD-M3/I	SMBJ18CD-M3/I
SMBJ10D-M3/H	SMBJ20D-M3/H	SMBJ10CD-M3/H	SMBJ20CD-M3/H
SMBJ10D-M3/I	SMBJ20D-M3/I	SMBJ10CD-M3/I	SMBJ20CD-M3/I
SMC (DO-214AB) Package			
SMC5K10A-M3/H	SMC5K13A-M3C/H	SMC5K15A-M3C/H	SMC5K18A-M3/I
SMC5K10A-M3/I	SMC5K14A-M3/H	SMC5K16A-M3/H	SMC5K20A-M3/H
SMC5K12A-M3/H	SMC5K14A-M3/I	SMC5K16A-M3/I	SMC5K20A-M3/I
SMC5K12A-M3/I	SMC5K14A-M3C/H	SMC5K17A-M3/H	
SMC5K13A-M3/H	SMC5K15A-M3/H	SMC5K17A-M3/I	
SMC5K13A-M3/I	SMC5K15A-M3/I	SMC5K18A-M3/H	

Note: Upon this PCN approval, all future custom P/Ns apply this change.



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**VISHAY BRAND:** Vishay General Semiconductor

**TIME SCHEDULE:** Start Shipping Date: March 1<sup>st</sup>, 2019

**SAMPLE ABAILABILITY:** Available upon request.

**PRODUCT IDENTIFICATION:** Not applicable

**QUALIFICATION DATA:** Available upon request.

**RESPONSE DATE:** This PCN is considered approved, without further notification, unless we receive specific customer concerns before **February 24, 2019** or as specified by contract.

**ISSUED BY:** H.P. Tsai, Product Marketing Director (TVS)

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

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