



# Product Change Notification



Product Group: Diodes Division / December 24, 2018 / PCN-DD-024-2018 Rev 0

## 6 Inch Wafer Conversion for Automotive Grade SMC5K10A~20A TransZorb® TVS Product

**DESCRIPTION OF CHANGE:** Vishay Diodes Division will change wafer diameter from 4 inch to 6 inch for automotive grade SMC5K10A~20AHM3 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 product groups are listed below.

Package	Existing P/N	New Revision P/N
DO-214AB (SMC)	SMC5K10AHM3/H	SMC5K10AHM3_A/H
	SMC5K10AHM3/I	SMC5K10AHM3_A/I
	SMC5K12AHM3/H	SMC5K12AHM3_A/H
	SMC5K12AHM3/I	SMC5K12AHM3_A/I
	SMC5K13AHM3/H	SMC5K13AHM3_A/H
	SMC5K13AHM3/I	SMC5K13AHM3_A/I
	SMC5K14AHM3/H	SMC5K14AHM3_A/H
	SMC5K14AHM3/I	SMC5K14AHM3_A/I
	SMC5K15AHM3/H	SMC5K15AHM3_A/H
	SMC5K15AHM3/I	SMC5K15AHM3_A/I
	SMC5K16AHM3/H	SMC5K16AHM3_A/H
	SMC5K16AHM3/I	SMC5K16AHM3_A/I
	SMC5K17AHM3/H	SMC5K17AHM3_A/H
	SMC5K17AHM3/I	SMC5K17AHM3_A/I
	SMC5K18AHM3/H	SMC5K18AHM3_A/H
	SMC5K18AHM3/I	SMC5K18AHM3_A/I
SMC5K20AHM3/H	SMC5K20AHM3_A/H	
SMC5K20AHM3/I	SMC5K20AHM3_A/I	

**VISHAY BRAND:** Vishay General Semiconductor

**TIME SCHEDULE:** Start Conversion Date: March 25, 2019  
Last Time Buy of Existing P/N: June 24, 2019  
Last Time Shipment of Existing P/N: December 24, 2019



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**SAMPLE ABAILABILITY:** Available upon request.

**PRODUCT IDENTIFICATION:**

Adding underscore ( \_ ) + revision code "A" following base part number as the identification.

**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. Also the generic LTB/LTS schedule could be changed upon specific contract.

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

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

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