



# Product Change Notification



Product Group: Diodes Division / March 09, 2015 / PCN-DD-009-2015 Rev. 0

## Top Metal Conversion for Commercial Grade Solderable TMBS

**DESCRIPTION OF CHANGE :** Vishay Diodes Division would like to announce the process conversion for solderable TMBS (Trench MOS Barrier Schottky) wafers from Ti/Ni/Ag to Ti/Al/Ni/Ag. There will be no change in form, fit or function of final products.

**CLASSIFICATION OF CHANGE :** Wafer/Chip/Pellet Process/Structure.

**REASON FOR CHANGE :** This process consolidation in order to improve production shop-floor control and manufacturing equipment utilization, as well as delivery.

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

No change on the product performance and data sheet specifications.

**PRODUCT CATEGORY :** Rectifier

**PART NUMBERS/SERIES/FAMILIES AFFECTED :**

Material	Material	Material	Material	Material
V10D100C-M3/I	V12P12-5300M3/86A	V8P10-M3/86A	VSB3200S-M3/73	VSSB410S-E3/52T
V10D120C-M3/I	V12P12-M3/86A	V8P10-M3/87A	VSSA210-E3/5AT	VSSB410S-E3/5BT
V10P10-M3/86A	V12P12-M3/87A	V8P12-M3/86A	VSSA210-E3/61T	VSSB410S-M3/52T
V10P10-M3/87A	V12PM12-M3/86A	V8P12-M3/87A	VSSA210-M3/5AT	VSSB410S-M3/5BT
V10P12-M3/86A	V12PM12-M3/87A	V8P20-M3/86A	VSSA210-M3/61T	VSSB420S-M3/52T
V10P12-M3/87A	V20DM120C-M3/I	V8P20-M3/87A	VSSA310S-E3/5AT	VSSB420S-M3/5BT
V10P20-M3/86A	V30DM120C-M3/I	V8PM12-M3/86A	VSSA310S-E3/61T	VSSC520S-M3/57T
V10P20-M3/87A	V40D100C-M3/I	V8PM12-M3/87A	VSSA310S-M3/5AT	VSSC520S-M3/9AT
V10PM12-M3/86A	V40D120C-M3/I	VSB2200S-M3/54	VSSA310S-M3/61T	
V10PM12-M3/87A	V40DM120C-M3/I	VSB2200S-M3/73	VSSB310-E3/52T	
V12P10-M3/86A	V60D100C-M3/I	VSB3200-M3/54	VSSB310-E3/5BT	
V12P10-M3/87A	V60D120C-M3/I	VSB3200-M3/73	VSSB310-M3/52T	
V12P12-5001M3/86A	V8P10-5300M3/86A	VSB3200S-M3/54	VSSB310-M3/5BT	

**VISHAY BRAND :** Vishay General Semiconductor

**TIME SCHEDULE :** Start shipment date : May 15, 2015

**SAMPLE AVAILABILITY :** Available upon request.

**PRODUCT IDENTIFICATION :** Date code – Converted D/C by P/N will be recorded for tracking.



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**QUALIFICATION DATA** : Available upon request.

**RESPONSE DATE** : This PCN is considered approved, without further notification, unless we receive specific customer concerns before **May 09, 2015** or as specified by contract.

**ISSUED BY** : R.S. Chin, Product Marketing Director – Rectifiers (Standard & Schottky)

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

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