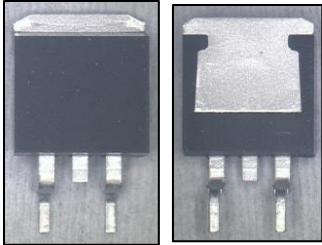
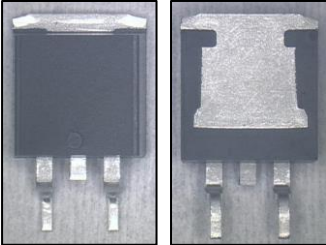




## Assembly Site Change for TMBS in TO-263 package

### DESCRIPTION OF CHANGE:

Vishay Diodes Division is moving the assembly location of TMBS® (Trench MOS Barrier Schottky) rectifiers in TO-263 package from Vishay Tianjin factory, China to an existing subcontractor in Shandong, China. This existing subcontractor was already introduced before through PCN-DD-001-2018 and PCN-DD-023-2019.

The datasheet spec. including package outline dimensions remain unchanged and the finished good appearance and reel packing variance are shown in below table. There will be no other change in form, fit or function of final products.

Changes	Current	New
TO-263AB Outline		
Reel Packing	<p>(without inner box)</p> 	<p>(with inner box)</p> 

**CLASSIFICATION OF CHANGE:** Assembly Site.

**REASON FOR CHANGE:** Process consolidation, Capacity support expansion.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:**  
There will be no effect on quality & reliability performance.

**PRODUCT CATEGORY:** Rectifiers



# Product Change Notification



Product Group: Diodes Division / June 5, 2020 / PCN-DD-009-2020 Rev.0

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Involved P/Ns are listed in below table.

Part Number	Part Number	Part Number	Part Number	Part Number
VB10170C-E3/4W	VB30120S-M3/4W	VB40170C-E3/8W	VBT2045C-M3/8W	VBT4060C-M3/4W
VB10170C-E3/8W	VB30120S-M3/8W	VB40170C-M3/I	VBT3045C-M3/4W	VBT4060C-M3/8W
VB10170C-M3/I	VB30M120C-E3/4W	VB40M120C-E3/4W	VBT3045C-M3/8W	VBT6045C-M3/4W
VB20M120C-E3/4W	VB30M120C-E3/8W	VB40M120C-E3/8W	VBT30L60C-E3/4W	VBT6045C-M3/8W
VB20100C-M3/4W	VB20100S-M3/4W	VB30100C-M3/4W	VB40100C-M3/4W	VB60100C-M3/4W
VB20100C-M3/8W	VB20100S-M3/8W	VB30100C-M3/8W	VB40100C-M3/8W	VB60100C-M3/8W
VB20M120C-E3/8W	VB30M120C-M3/I	VB40M120C-M3/I	VBT30L60C-E3/8W	
VB20M120C-M3/I	VB40170C-E3/4W	VBT2045C-M3/4W	VBT30L60C-M3/I	

**VISHAY BRAND:** Vishay General Semiconductor

**TIME SCHEDULE:** Start Conversion Date: August 10, 2020  
Last Time Buy Date from original site: September 05, 2020  
Last Time Shipment Date from original site: December 05, 2020

**SAMPLE AVAILABILITY:** Available upon request.

**PRODUCT IDENTIFICATION:** The manufacturing site code “E” will be added followed by date code (XXXXE/MXXE) for identification of the new assembly site.

**QUALIFICATION DATA:** Available upon request.

**RESPONSE DATE:** This PCN is considered approved, without further notification, unless we receive specific customer concerns before **August 05, 2020** 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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