Product Change Notification

Product Group: DD/Friday October 2, 2026/PCN-DD-026-2026-REV-0

8-inch Wafer for Planar Schottky Automotive Products in D2PAK (TO-263AB)

For further information, please contact your regional Vishay office.

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Description of Change: In addition to the existing 6-inch wafer source, Vishay Diodes Division will incorporate an 8-inch wafer production line within the same manufacturing plant located in Taiwan. This consolidation is aimed at expanding capacity for Automotive products in D2PAK(TO-263AB) package. The similar change of 8-inch wafer and polyimide coating method was already implemented as communicated in PCN-DD-017-2024 and PCN-DD-016-2025. It is important to note that the existing 6-inch wafer production line will remain fully operational, with no anticipated plans for closure in the foreseeable future. The 8-inch planar Schottky wafers have been qualified to meet specification and performance standards with no change in form, fit and function on all affected products. Upon the approval of this PCN, all future and customized part numbers for related products in the same package will adopt the same change.

Reason for Change: Capacity expansion and process consolidation

Expected Influence on Quality/Reliability/Performance: No changes in quality and reliability performance

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay General Semiconductor

Time Schedule:

Start Shipment Date: Monday January 4, 2027

Sample Availability: Available upon request

Product Identification: Wafer source traceability is done through Lot Number

Qualification Data: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Thursday December 31, 2026 or as specified by contract.

Issued By: Eddie Hwang, Product Marketing Director – Schottky Rectifier

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MB15H45CT1HM3_B/8B	MB15H45CT1HM3_B/I	MB2045C-61HM3J/I	MB25H45CT1HM3_B/8B	MB25H45CT1HM3_B/I
MB30H45C61HM3J/I	MBRB745HM3/I	MBRB760HM3/I	MBRB1045HM3/I	MBRB1060HM3/I
MBRB10H60HM3/I	MBRB1545CTHM3/I	MBRB1560CTHM3/I	MBRB15H45CTHM3/I	MBRB1645HM3/I
MBRB1660HM3/I	MBRB16H60HM3/I	MBRB2045CTHM3/I	MBRB2060CTHM3/I	MBRB20H60CTHM3/I
MBRB2545CTHM3/I	MBRB25H35CTHM3/I	MBRB25H45CTHM3/I	MBRB25H60CTHM3/I	MBRB3045CTHM3/I
MBRB30H45CTHM3/I	MBRB30H60CTHM3/I	SBLB1040CTHM3/I	SBLB10L25HM3/I	SBLB1640CTHM3/I
SBLB25L30CTHM3/I	SB25L30CT1HM3_B/I	MB10H100CTHM3/I	MB10H100HM3/I	MB20H100CTHM3/I
MB30H100CTHM3/I				

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Annex 1

Part Numbers affected listed below:

1. Additional 8-inch wafer process

MB15H45CT1HM3_B/8B	MB15H45CT1HM3_B/I	MB2045C-61HM3J/I	MB25H45CT1HM3_B/8B
MB25H45CT1HM3_B/I	MB30H45C61HM3J/I	MBRB745HM3/I	MBRB760HM3/I
MBRB1045HM3/I	MBRB1060HM3/I	MBRB10H60HM3/I	MBRB1545CTHM3/I
MBRB1560CTHM3/I	MBRB15H45CTHM3/I	MBRB1645HM3/I	MBRB1660HM3/I
MBRB16H60HM3/I	MBRB2045CTHM3/I	MBRB2060CTHM3/I	MBRB20H60CTHM3/I
MBRB2545CTHM3/I	MBRB25H35CTHM3/I	MBRB25H45CTHM3/I	MBRB25H60CTHM3/I
MBRB3045CTHM3/I	MBRB30H45CTHM3/I	MBRB30H60CTHM3/I	SBLB1040CTHM3/I
SBLB10L25HM3/I	SBLB1640CTHM3/I	SBLB25L30CTHM3/I	SB25L30CT1HM3_B/I

2. Additional 8-inch wafer incorporating photo polyimide process

MB10H100CTHM3/I	MB10H100HM3/I	MB20H100CTHM3/I	MB30H100CTHM3/I

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Vishay Material Code	Customer Material	Location
MBRB1660HM3/I	GESMBRB1660HM3/I	Ft Worth
MBRB30H45CTHM3/I	MBRB30H45CTHM3/I	Bucheon-si, Gyeonggi-do