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Product Change Notification



Product Group: DD/Fri Aug 30, 2024/PCN-DD-027-2024-REV-0

Front-end Process Consolidation for 170V and 200V TMBS Products in SMPD package

For further information, please contact your regional Vishay office.

CONTACT INFORMATION

Americas

Vishay Semiconductors
One Greenwich Place
-
Shelton CT United States 06484
Phone: +1-402-563-6866
Fax: +1-402-563-6296
Diodes-Americas@vishay.com

Europe

Vishay Semiconductors
Theresienstrasse 2
-
Heilbronn Germany D-74072
Phone: +49 7131 7498 656 (715)
Fax: +49 7131 67 2938
Diodes-Europe@vishay.com

Asia

Vishay Semiconductors
37A Tampines Street 92 #07-01
-
Singapore 528886
Phone: +65 6788 6668
Fax: +65 6788 988
Diodes-Asia@vishay.com

Description of Change: Vishay Diodes Division is announcing the front-end process consolidation for 170V and 200V TMBS (Trench MOS Barrier Schottky) products in SMPD package at Vishay wafer fab in Taiwan. This front-end process consolidation was already introduced before through PCN-DD-024-2023 and PCN-DD-032-2023. Meanwhile, the wafer polyimide coating method will be changed from screen printing to photo process for process consolidation. Please refer to Annex 1 for change view.

There will be no change in form, fit and function on all affected products.

Upon the approval of this PCN, all futures and customized part numbers for related products in the same package will adopt the same change.

Reason for Change: Foundry supplier service discontinuation 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: Fri Nov 1, 2024

Sample Availability: Available upon request

Product Identification: Wafer source traceability is done through Lot Number. For automotive part number adding underscore (_) + revision code "B" following base part number as the identification for 100% in-house wafer Fab.

Qualification Data: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Thu Oct 31, 2024 or as specified by contract.

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



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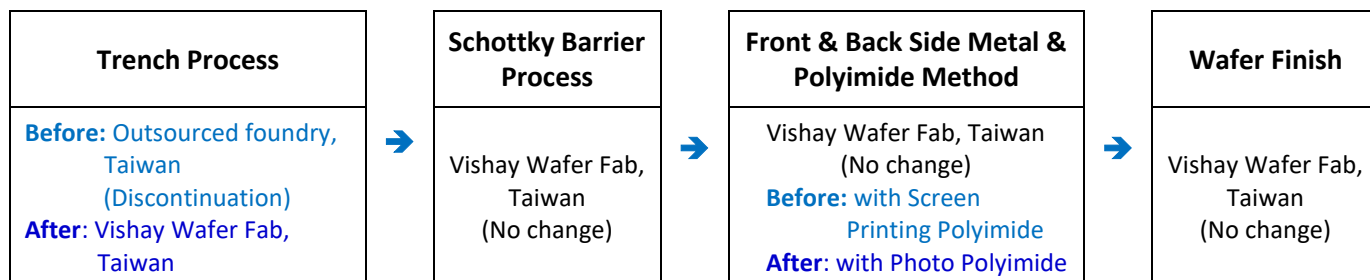


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V10D170C-M3/I	V10D202C-M3/I	V20D170C-M3/I	V20D202C-M3/I	V30D170C-M3/I
V30D202C-M3/I	V10D170CHM3/I	V10D202CHM3_A/I	V20D170CHM3/I	V20D202CHM3_A/I
V30D170CHM3/I	V30D202CHM3_A/I			

Annex 1

Front-end Process:



Part Numbers affected listed below:

1. Commercial products:

V10D170C-M3/I	V10D202C-M3/I	V20D170C-M3/I
V20D202C-M3/I	V30D170C-M3/I	V30D202C-M3/I

2. Automotive products:

Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
V10D170CHM3/I	V10D170CHM3_B/I	V20D202CHM3_A/I	V20D202CHM3_B/I
V10D202CHM3_A/I	V10D202CHM3_B/I	V30D170CHM3/I	V30D170CHM3_B/I
V20D170CHM3/I	V20D170CHM3_B/I	V30D202CHM3_A/I	V30D202CHM3_B/I

Time schedule:

Last Time Buy Date of Existing Automotive Part Number: February 28, 2025

Last Time Ship Date of Existing Automotive Part Number: August 30, 2025