



Product Change Notification



Product Group: Diodes Division / January 16, 2017 / PCN-DD-004-2017 Rev 0

Die Thickness Consolidation for Automotive Grade SMA Packaged Schottky Products

DESCRIPTION OF CHANGE:

Vishay Diodes Division will consolidate the die thickness from 14mil to 12mil for automotive grade SMA Schottky products. In addition to die thickness change, the BYS10 product series plating method for lead finishing will be changed from barrel to strip plating.

There will be no change in form, fit or function of final products.

CLASSIFICATION OF CHANGE: Die thickness/Plating method change

REASON FOR CHANGE: Process consolidation/Capacity expansion

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No changes in quality and reliability performance

PRODUCT CATEGORY: Schottky Rectifier

PART NUMBERS/SERIES/FAMILIES AFFECTED: Involved product groups are listed below

1) Only die thickness change:

Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
SS12HE3_A/H	SS12HE3_B/H	SS14HE3_A/H	SS14HE3_B/H	SS24S-61HE3J_A/I	SS24S-61HE3J_B/I
SS12HE3_A/I	SS12HE3_B/I	SS14HE3_A/I	SS14HE3_B/I	SS24SHE3_A/H	SS24SHE3_B/H
SS13HE3_A/H	SS13HE3_B/H	SS15HE3_A/H	SS15HE3_B/H	SS24SHE3_A/I	SS24SHE3_B/I
SS13HE3_A/I	SS13HE3_B/I	SS15HE3_A/I	SS15HE3_B/I	SS24SHE3J_A/H	SS24SHE3J_B/H
SS14-61HE3J_A/H	SS14-61HE3J_B/H	SS16-004HE3_A/I	SS16-004HE3_B/I	SS25SHE3_A/H	SS25SHE3_B/H
SS14-6600HE3_A/H	SS14-6600HE3_B/H	SS16-3HE3_A/I	SS16-3HE3_B/I	SS25SHE3_A/I	SS25SHE3_B/I
SS14-6605HE3_A/H	SS14-6605HE3_B/H	SS16HE3_A/H	SS16HE3_B/H	SS26SHE3_A/H	SS26SHE3_B/H
SS14-6605HE3J_A/H	SS14-6605HE3J_B/H	SS16HE3_A/I	SS16HE3_B/I	SS26SHE3_A/I	SS26SHE3_B/I
SS14-6HE3_A/I	SS14-6HE3_B/I	SS22SHE3_A/H	SS22SHE3_B/H	SL12HE3_A/H	SL12HE3_B/H
SS14-7000HE3_A/I	SS14-7000HE3_B/I	SS22SHE3_A/I	SS22SHE3_B/I	SL12HE3_A/I	SL12HE3_B/I
SS14-7001HE3_A/I	SS14-7001HE3_B/I	SS23SHE3_A/H	SS23SHE3_B/H	SL13HE3_A/H	SL13HE3_B/H
SS14-71CHE3_A/I	SS14-71CHE3_B/I	SS23SHE3_A/I	SS23SHE3_B/I	SL13HE3_A/I	SL13HE3_B/I

2) Die thickness + strip plating changes:

Existing P/N	New Rev. P/N
BYS10-25HE3/TR	BYS10-25HE3_A/H
BYS10-25HE3/TR3	BYS10-25HE3_A/I
BYS10-35HE3/TR	BYS10-35HE3_A/H
BYS10-35HE3/TR3	BYS10-35HE3_A/I
BYS10-45HE3/TR	BYS10-45HE3_A/H
BYS10-45HE3/TR3	BYS10-45HE3_A/I



Product Change Notification



Product Group: Diodes Division / January 16, 2017 / PCN-DD-004-2017 Rev 0

VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start Conversion Date: March 20, 2017
Last Time Buy of Existing P/N: July 16, 2017
Last Time Shipment of Existing P/N: January 16, 2018

- ◆ The Generic LTB/LTS schedule could be changed upon specific customer contract.

SAMPLE ABAILABILITY: Available upon request.

PRODUCT IDENTIFICATION: Adding underscore (_) + revision code “A” or “B” 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 **March 16, 2017** 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.

Contact Information:

The Americas

Vishay Semiconductors
150 Motor Parkway, Suite 101E
Hauppauge, NY11788 USA
Phone :631 300 3816
Fax : 631 300 3843
Diodes-Americas@vishay.com

Europe

Vishay Semiconductors
Theresienstrasse 2
D-74072 Heilbronn, Germany
Phone : +49 7131 67 3364 (or 3365)
Fax: +49 7131 67 2938
Diodes-Europe@vishay.com

Asia/Pacific

Vishay Semiconductors
15D, Sun Tong Infoport Plaza
55 Huai Hai West Road, Shanghai, China
Phone: +86 138 1787 2112
Fax: +86 21 5258 7979
Diodes-Asia@vishay.com