



Product Change Notification



Product Group: Diodes Division / April 7, 2015 / PCN-DD-014-2015 Rev 0

5-inch Wafer and Strip Plating Line Conversion for Automotive Grade S2A~S2M

DESCRIPTION OF CHANGE : Vishay Diodes Division will change wafer diameter from 4 inch to 5 inch for Standard Rectifier in SMB package. Beside this wafer diameter change, the plating method for lead finishing will be converted from barrel to strip plating to improve plating thickness uniformity. Qualification test has been confirmed to meet and pass all specifications for automotive grade. There will be no change in form, fit or function of final products.

CLASSIFICATION OF CHANGE : Wafer diameter as well as Plating scheme

REASON FOR CHANGE : Capacity expansion and delivery improvement

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE :
Better plating thickness uniformity, no change in other quality and reliability performance.

PRODUCT CATEGORY : Rectifier

PART NUMBERS/SERIES/FAMILIES AFFECTED: Involved part numbers are listed in below table.

Material	New Rev. P/N	Material	New Rev. P/N
S2AHE3/52T	S2AHE3_A/H	S2G-6600HE3J/5BT	S2G-6600HE3J_A/I
S2AHE3/5BT	S2AHE3_A/I	S2G-7HE3/5BT	S2G-7HE3_A/I
S2B-001HE3/5BT	S2B-001HE3_A/I	S2GHE3/52T	S2GHE3_A/H
S2B-002HE3/5BT	S2B-002HE3_A/I	S2GHE3/5BT	S2GHE3_A/I
S2BHE3/52T	S2BHE3_A/H	S2J-6600HE3/52T	S2J-6600HE3_A/H
S2BHE3/5BT	S2BHE3_A/I	S2J-71CHE3/52T	S2J-71CHE3_A/H
S2DHE3/52T	S2DHE3_A/H	S2JHE3/52T	S2JHE3_A/H
S2DHE3/5BT	S2DHE3_A/I	S2JHE3/5BT	S2JHE3_A/I
S2G-002HE3/5BT	S2G-002HE3_A/I	S2KHE3/52T	S2KHE3_A/H
S2G-007HE3/52T	S2G-007HE3_A/H	S2KHE3/5BT	S2KHE3_A/I
S2G-6600HE3/52T	S2G-6600HE3_A/H	S2MHE3/52T	S2MHE3_A/H
S2G-6600HE3/5BT	S2G-6600HE3_A/I	S2MHE3/5BT	S2MHE3_A/I

VISHAY BRAND : Vishay General Semiconductor

TIME SCHEDULE :

Start conversion date : June 15, 2015
Last time buy of existing P/N : October 15, 2015
Last time ship of existing P/N : April 15, 2016



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SAMPLE AVAILABILITY: Available upon request

PRODUCT IDENTIFICATION : Adding underscore (_) + revision code "A" following base part number as the identification. Meanwhile, the package code will be simplified as communicated already in Fast Fact #FF-DD-001-2012 issued on December 3, 2012.

QUALIFICATION DATA : Available upon request

RESPONSE DATE : This PCN is considered approved, without further notification, unless we receive specific customer concerns before **June 7, 2015** or as specified by contract.

ISSUED BY : RS Chin, Product Marketing Director – Rectifier (Standard & Schottky)

For further information, please contact your regional Vishay office.

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