



Product Change Notification



Product Group: Diodes Division / Nov. 28, 2012 / PCN-DD-025-2012 Rev 0

TITLE: 5-inch Wafer + Strip Plating Line for Automotive Grade of Standard Rectifier

DESCRIPTION OF CHANGE:

Vishay Diodes Division will change wafer diameter from 4 inch to 5 inch for Standard Rectifier in SMX packages. In addition to wafer diameter change, the plating method for lead finishing will be changed 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 method change

REASON FOR CHANGE:

Capacity expansion

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No changes in quality and reliability performance

PRODUCT CATEGORY:

Rectifier

PART NUMBERS/SERIES/FAMILIES AFFECTED:

The P/N of affected parts will also be changed as summarized in the table below.

Existing PN	PCN Revision P/N	Existing PN	PCN Revision P/N	Existing PN	PCN Revision P/N
S1AHE3/5AT	S1AHE3_A/I	S3AHE3/57T	S3AHE3_A/H	S5AHE3/57T	S5AHE3_A/H
S1AHE3/61T	S1AHE3_A/H	S3AHE3/9AT	S3AHE3_A/I	S5AHE3/9AT	S5AHE3_A/I
S1BHE3/5AT	S1BHE3_A/I	S3BHE3/57T	S3BHE3_A/H	S5BHE3/57T	S5BHE3_A/H
S1BHE3/61T	S1BHE3_A/H	S3BHE3/9AT	S3BHE3_A/I	S5BHE3/9AT	S5BHE3_A/I
S1DHE3/5AT	S1DHE3_A/I	S3DHE3/57T	S3DHE3_A/H	S5DHE3/57T	S5DHE3_A/H
S1DHE3/61T	S1DHE3_A/H	S3DHE3/9AT	S3DHE3_A/I	S5DHE3/9AT	S5DHE3_A/I
S1GHE3/5AT	S1GHE3_A/I	S3GHE3/57T	S3GHE3_A/H	S5GHE3/57T	S5GHE3_A/H
S1GHE3/61T	S1GHE3_A/H	S3GHE3/9AT	S3GHE3_A/I	S5GHE3/9AT	S5GHE3_A/I
S1JHE3/5AT	S1JHE3_A/I	S3JHE3/57T	S3JHE3_A/H	S5JHE3/57T	S5JHE3_A/H
S1JHE3/61T	S1JHE3_A/H	S3JHE3/9AT	S3JHE3_A/I	S5JHE3/9AT	S5JHE3_A/I
S1KHE3/5AT	S1KHE3_A/I	S3KHE3/57T	S3KHE3_A/H	S5KHE3/57T	S5KHE3_A/H
S1KHE3/61T	S1KHE3_A/H	S3KHE3/9AT	S3KHE3_A/I	S5KHE3/9AT	S5KHE3_A/I
S1MHE3/5AT	S1MHE3_A/I	S3MHE3/57T	S3MHE3_A/H	S5MHE3/57T	S5MHE3_A/H
S1MHE3/61T	S1MHE3_A/H	S3MHE3/9AT	S3MHE3_A/I	S5MHE3/9AT	S5MHE3_A/I

Custom part number will adopt same changes following revision P/N rule.



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VISHAY BRAND:

Vishay General Semiconductor

TIME SCHEDULE:

Start conversion date : February 1, 2013.

Last time buy of existing P/N : May 31, 2013

Last time ship of existing P/N : November 30, 2013

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. Please refer to Fast Fact #FF-DD-001-2012 for details.

QUALIFICATION DATA:

Available upon request

RESPONSE DATE:

Not Applicable

ISSUED BY:

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

FOR FURTHER INFORMATION, PLEASE CONTACT OUR REGIONAL MARKETING OFFICES LISTED BELOW:

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 2807
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