



Product Change Notification



Product Group: Diodes Division / January 26, 2015 / PCN-DD-005-2015 Rev 0

Strip Plating Conversion for Automotive Grade Rectifier in SMB & SMPC Products

DESCRIPTION OF CHANGE : Following to the company policy of continuous quality improvement, Vishay Diodes Division would like to change the lead finishing process of automotive grade SMB & SMPC packaged rectifier products from barrel plating to strip plating to improve plating thickness uniformity. The new strip plating line also meets JESD 201 class2 whisker test, and there will be no changes in the form, fit or function of the final products shipped to customer production site.

CLASSIFICATION OF CHANGE : Plating scheme

REASON FOR CHANGE : Product consolidation and capacity expansion to improve delivery service.

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.

Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
AR3PDHM3/86A	AR3PDHM3_A/H	AS3PGHM3/87A	AS3PGHM3_A/I	AU3PDHM3/86A	AU3PDHM3_A/H
AR3PDHM3/87A	AR3PDHM3_A/I	AS3PJHM3/86A	AS3PJHM3_A/H	AU3PDHM3/87A	AU3PDHM3_A/I
AR3PGHM3/86A	AR3PGHM3_A/H	AS3PJHM3/87A	AS3PJHM3_A/I	AU3PGHM3/86A	AU3PGHM3_A/H
AR3PGHM3/87A	AR3PGHM3_A/I	AS3PKHM3/86A	AS3PKHM3_A/H	AU3PGHM3/87A	AU3PGHM3_A/I
AR3PJHM3/86A	AR3PJHM3_A/H	AS3PKHM3/87A	AS3PKHM3_A/I	AU3PJHM3/86A	AU3PJHM3_A/H
AR3PJHM3/87A	AR3PJHM3_A/I	AS3PMHM3/86A	AS3PMHM3_A/H	AU3PJHM3/87A	AU3PJHM3_A/I
AR3PKHM3/86A	AR3PKHM3_A/H	AS3PMHM3/87A	AS3PMHM3_A/I	AU3PKHM3/86A	AU3PKHM3_A/H
AR3PKHM3/87A	AR3PKHM3_A/I	AS4PDHM3/86A	AS4PDHM3_A/H	AU3PKHM3/87A	AU3PKHM3_A/I
AR3PMHM3/86A	AR3PMHM3_A/H	AS4PDHM3/87A	AS4PDHM3_A/I	AU3PMHM3/86A	AU3PMHM3_A/H
AR3PMHM3/87A	AR3PMHM3_A/I	AS4PGHM3/86A	AS4PGHM3_A/H	AU3PMHM3/87A	AU3PMHM3_A/I
AR4PDHM3/86A	AR4PDHM3_A/H	AS4PGHM3/87A	AS4PGHM3_A/I	ES2AHE3/52T	ES2AHE3_A/H
AR4PDHM3/87A	AR4PDHM3_A/I	AS4PJHM3/86A	AS4PJHM3_A/H	ES2AHE3/5BT	ES2AHE3_A/I
AR4PGHM3/86A	AR4PGHM3_A/H	AS4PJHM3/87A	AS4PJHM3_A/I	ES2B-7000HE3/5BT	ES2B-7000HE3_A/I
AR4PGHM3/87A	AR4PGHM3_A/I	AS4PKHM3/86A	AS4PKHM3_A/H	ES2B-71CHE3/5BT	ES2B-71CHE3_A/I
AR4PJHM3/86A	AR4PJHM3_A/H	AS4PKHM3/87A	AS4PKHM3_A/I	ES2BHE3/52T	ES2BHE3_A/H
AR4PJHM3/87A	AR4PJHM3_A/I	AS4PMHM3/86A	AS4PMHM3_A/H	ES2BHE3/5BT	ES2BHE3_A/I
AR4PKHM3/86A	AR4PKHM3_A/H	AS4PMHM3/87A	AS4PMHM3_A/I	ES2CHE3/52T	ES2CHE3_A/H
AR4PKHM3/87A	AR4PKHM3_A/I	AU2PDHM3/86A	AU2PDHM3_A/H	ES2CHE3/5BT	ES2CHE3_A/I
AR4PMHM3/86A	AR4PMHM3_A/H	AU2PDHM3/87A	AU2PDHM3_A/I	ES2D-1BHE3/5BT	ES2D-1BHE3A/I
AR4PMHM3/87A	AR4PMHM3_A/I	AU2PGHM3/86A	AU2PGHM3_A/H	ES2D-61HE3J/5BT	ES2D-61HE3J_A/I
AS3BJ-61BHM3J/5BT	AS3BJ-61BHM3J_A/I	AU2PGHM3/87A	AU2PGHM3_A/I	ES2D-7001HE3/5BT	ES2D-7001HE3_A/I
AS3BJHM3/52T	AS3BJHM3_A/H	AU2PJHM3/86A	AU2PJHM3_A/H	ES2D-71CHE3/5BT	ES2D-71CHE3_A/I
AS3BJHM3/5BT	AS3BJHM3_A/I	AU2PJHM3/87A	AU2PJHM3_A/I	ES2DHE3/52T	ES2DHE3_A/H
AS3BJHM3J/5BT	AS3BJHM3J_A/I	AU2PKHM3/86A	AU2PKHM3_A/H	ES2DHE3/5BT	ES2DHE3_A/I
AS3PDHM3/86A	AS3PDHM3_A/H	AU2PKHM3/87A	AU2PKHM3_A/I	ES2DHE3J/52T	ES2DHE3J_A/H
AS3PDHM3/87A	AS3PDHM3_A/I	AU2PMHM3/86A	AU2PMHM3_A/H	ES2FHE3/52T	ES2FHE3_A/H
AS3PGHM3/86A	AS3PGHM3_A/H	AU2PMHM3/87A	AU2PMHM3_A/I	ES2FHE3/5BT	ES2FHE3_A/I



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Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N	Existing P/N	New Rev. P/N
ES2G-7000HE3/5BT	ES2G-7000HE3_A/I	SE40PJHM3/86A	SE40PJHM3_A/H	SS3P6L-61HM3J/86A	SS3P6L-61HM3J_A/H
ES2GHE3/52T	ES2GHE3_A/H	SE40PJHM3/87A	SE40PJHM3_A/I	SS3P6LHM3/86A	SS3P6LHM3_A/H
ES2GHE3/5BT	ES2GHE3_A/I	SE70PBHM3/86A	SE70PBHM3_A/H	SS3P6LHM3/87A	SS3P6LHM3_A/I
ESH2BHE3/52T	ESH2BHE3_A/H	SE70PBHM3/87A	SE70PBHM3_A/I	SS5P3HM3/86A	SS5P3HM3_A/H
ESH2BHE3/5BT	ESH2BHE3_A/I	SE70PDHM3/86A	SE70PDHM3_A/H	SS5P3HM3/87A	SS5P3HM3_A/I
ESH2CHE3/52T	ESH2CHE3_A/H	SE70PDHM3/87A	SE70PDHM3_A/I	SS5P4-61HM3J/86A	SS5P4-61HM3J_A/H
ESH2CHE3/5BT	ESH2CHE3_A/I	SE70PGHM3/86A	SE70PGHM3_A/H	SS5P4-61HM3J/87A	SS5P4-61HM3J_A/I
ESH2DHE3/52T	ESH2DHE3_A/H	SE70PGHM3/87A	SE70PGHM3_A/I	SS5P4HM3/86A	SS5P4HM3_A/H
ESH2DHE3/5BT	ESH2DHE3_A/I	SE70PJHM3/86A	SE70PJHM3_A/H	SS5P4HM3/87A	SS5P4HM3_A/I
ESH2DHE3J/52T	ESH2DHE3J_A/H	SE70PJHM3/87A	SE70PJHM3_A/I	SS5P5HM3/86A	SS5P5HM3_A/H
MURS120HE3/52T	MURS120HE3_A/H	SL22HE3/52T	SL22HE3_A/H	SS5P5HM3/87A	SS5P5HM3_A/I
MURS120HE3/5BT	MURS120HE3_A/I	SL22HE3/5BT	SL22HE3_A/I	SS5P6HM3/86A	SS5P6HM3_A/H
MURS140HE3/52T	MURS140HE3_A/H	SL23-7001HE3/5BT	SL23-7001HE3_A/I	SS5P6HM3/87A	SS5P6HM3_A/I
MURS140HE3/5BT	MURS140HE3_A/I	SL23HE3/52T	SL23HE3_A/H	SS5P6HM3J/86A	SS5P6HM3J_A/H
MURS160HE3/52T	MURS160HE3_A/H	SL23HE3/5BT	SL23HE3_A/I	SS6P4CHM3/86A	SS6P4CHM3_A/H
MURS160HE3/5BT	MURS160HE3_A/I	SS10P2CLHM3/86A	SS10P2CLHM3_A/H	SS6P4CHM3/87A	SS6P4CHM3_A/I
MURS240HE3/52T	MURS240HE3_A/H	SS10P2CLHM3/87A	SS10P2CLHM3_A/I	SS8P2CLHM3/86A	SS8P2CLHM3_A/H
MURS240HE3/5BT	MURS240HE3_A/I	SS10P3CHM3/86A	SS10P3CHM3_A/H	SS8P2CLHM3/87A	SS8P2CLHM3_A/I
MURS260HE3/52T	MURS260HE3_A/H	SS10P3CHM3/87A	SS10P3CHM3_A/I	SS8P2LHM3/86A	SS8P2LHM3_A/H
MURS260HE3/5BT	MURS260HE3_A/I	SS10P3CLHM3/86A	SS10P3CLHM3_A/H	SS8P2LHM3/87A	SS8P2LHM3_A/I
MURS340SHE3/52T	MURS340SHE3_A/H	SS10P3CLHM3/87A	SS10P3CLHM3_A/I	SS8P3CHM3/86A	SS8P3CHM3_A/H
MURS340SHE3/5BT	MURS340SHE3_A/I	SS10P3HM3/86A	SS10P3HM3_A/H	SS8P3CHM3/87A	SS8P3CHM3_A/I
MURS360SHE3/52T	MURS360SHE3_A/H	SS10P3HM3/87A	SS10P3HM3_A/I	SS8P3CLHM3/86A	SS8P3CLHM3_A/H
MURS360SHE3/5BT	MURS360SHE3_A/I	SS10P4CHM3/86A	SS10P4CHM3_A/H	SS8P3CLHM3/87A	SS8P3CLHM3_A/I
RS2AHE3/52T	RS2AHE3_A/H	SS10P4CHM3/87A	SS10P4CHM3_A/I	SS8P3LHM3/86A	SS8P3LHM3_A/H
RS2AHE3/5BT	RS2AHE3_A/I	SS10P4HM3/86A	SS10P4HM3_A/H	SS8P3LHM3/87A	SS8P3LHM3_A/I
RS2BHE3/52T	RS2BHE3_A/H	SS10P4HM3/87A	SS10P4HM3_A/I	SS8P4CHM3/86A	SS8P4CHM3_A/H
RS2BHE3/5BT	RS2BHE3_A/I	SS10P5HM3/86A	SS10P5HM3_A/H	SS8P4CHM3/87A	SS8P4CHM3_A/I
RS2DHE3/52T	RS2DHE3_A/H	SS10P5HM3/87A	SS10P5HM3_A/I	SS8P5CHM3/86A	SS8P5CHM3_A/H
RS2DHE3/5BT	RS2DHE3_A/I	SS10P6HM3/86A	SS10P6HM3_A/H	SS8P5CHM3/87A	SS8P5CHM3_A/I
RS2G-001HE3/5BT	RS2G-001HE3_A/I	SS10P6HM3/87A	SS10P6HM3_A/I	SS8P6CHM3/86A	SS8P6CHM3_A/H
RS2G-2HE3/52T	RS2G-2HE3_A/H	SS10PH45HM3/86A	SS10PH45HM3_A/H	SS8P6CHM3/87A	SS8P6CHM3_A/I
RS2GHE3/52T	RS2GHE3_A/H	SS10PH45HM3/87A	SS10PH45HM3_A/I	SSB43LHE3/52T	SSB43LHE3_A/H
RS2GHE3/5BT	RS2GHE3_A/I	SS12P2LHM3/86A	SS12P2LHM3_A/H	SSB43LHE3/5BT	SSB43LHE3_A/I
RS2JHE3/52T	RS2JHE3_A/H	SS12P2LHM3/87A	SS12P2LHM3_A/I	SSB44HE3/52T	SSB44HE3_A/H
RS2JHE3/5BT	RS2JHE3_A/I	SS12P3LHM3/86A	SS12P3LHM3_A/H	SSB44HE3/5BT	SSB44HE3_A/I
RS2KHE3/52T	RS2KHE3_A/H	SS12P3LHM3/87A	SS12P3LHM3_A/I	UH2BHE3/52T	UH2BHE3_A/H
RS2KHE3/5BT	RS2KHE3_A/I	SS12P4CHM3/86A	SS12P4CHM3_A/H	UH2BHE3/5BT	UH2BHE3_A/I
S4PBHM3/86A	S4PBHM3_A/H	SS12P4CHM3/87A	SS12P4CHM3_A/I	UH2CHE3/52T	UH2CHE3_A/H
S4PBHM3/87A	S4PBHM3_A/I	SS22HE3/52T	SS22HE3_A/H	UH2CHE3/5BT	UH2CHE3_A/I
S4PDHM3/86A	S4PDHM3_A/H	SS22HE3/5BT	SS22HE3_A/I	UH2DHE3/52T	UH2DHE3_A/H
S4PDHM3/87A	S4PDHM3_A/I	SS23HE3/52T	SS23HE3_A/H	UH2DHE3/5BT	UH2DHE3_A/I
S4PG-BHM3/87A	S4PG-BHM3_A/I	SS23HE3/5BT	SS23HE3_A/I	UH4PBCHM3/86A	UH4PBCHM3_A/H
S4PGHM3/86A	S4PGHM3_A/H	SS24-7000HE3/5BT	SS24-7000HE3_A/I	UH4PBCHM3/87A	UH4PBCHM3_A/I
S4PGHM3/87A	S4PGHM3_A/I	SS24HE3/52T	SS24HE3_A/H	UH4PCCHM3/86A	UH4PCCHM3_A/H
S4PJHM3/86A	S4PJHM3_A/H	SS24HE3/5BT	SS24HE3_A/I	UH4PCCHM3/87A	UH4PCCHM3_A/I
S4PJHM3/87A	S4PJHM3_A/I	SS25HE3/52T	SS25HE3_A/H	UH4PDC-61HM3J/86A	UH4PDC-61HM3J_A/H
S4PKHM3/86A	S4PKHM3_A/H	SS25HE3/5BT	SS25HE3_A/I	UH4PDCHM3/86A	UH4PDCHM3_A/H
S4PKHM3/87A	S4PKHM3_A/I	SS26-61HE3J/5BT	SS26-61HE3J_A/I	UH4PDCHM3/87A	UH4PDCHM3_A/I
S4PMHM3/86A	S4PMHM3_A/H	SS26HE3/52T	SS26HE3_A/H	UH6PDHM3/86A	UH6PDHM3_A/H
S4PMHM3/87A	S4PMHM3_A/I	SS26HE3/5BT	SS26HE3_A/I	UH6PDHM3/87A	UH6PDHM3_A/I
SE40PBHM3/86A	SE40PBHM3_A/H	SS3P3LHM3/86A	SS3P3LHM3_A/H	UH6PJHM3/86A	UH6PJHM3_A/H
SE40PBHM3/87A	SE40PBHM3_A/I	SS3P3LHM3/87A	SS3P3LHM3_A/I	UH6PJHM3/87A	UH6PJHM3_A/I
SE40PDHM3/86A	SE40PDHM3_A/H	SS3P4LHM3/86A	SS3P4LHM3_A/H	VS-2EGH021BHM3/5BT	VS-2EGH021BHM3A/I
SE40PDHM3/87A	SE40PDHM3_A/I	SS3P4LHM3/87A	SS3P4LHM3_A/I	VS-2EGH02HM3/5BT	VS-2EGH02HM3_A/I
SE40PGHM3/86A	SE40PGHM3_A/H	SS3P5LHM3/86A	SS3P5LHM3_A/H		
SE40PGHM3/87A	SE40PGHM3_A/I	SS3P5LHM3/87A	SS3P5LHM3_A/I		



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VISHAY BRAND : Vishay General Semiconductor

TIME SCHEDULE :

Start conversion date : April 30, 2015
Last time buy of existing P/N : July 31, 2015
Last time ship of existing P/N : January 31, 2016

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 **April 26, 2015** or as specified by contract.

ISSUED BY : RS Chin, Product Marketing Director – Rectifier (Standard & Schottky)
Alessandro Bonaudo, Product Marketing Director – Rectifiers (Ultrafast recovery)

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