



Product Change Notification



Product Group: Diodes Division / July 14, 2017 / PCN-DD-009-2017 Rev. 0

Manufacturing Location Change for Schottky in DO-204AC Package

DESCRIPTION OF CHANGE:

Vishay Diodes Division will transfer the assembly location of 2A Axial SKY diode in DO-204AC package to subcontractor in China. Additional to the location change, the lead wire will with additional ring structure and the silicon chip thickness to be consolidated to 12 mil from its original 11 mil to 14 mil respectively.

The comparison table of changes are summary as table1 , 2

Table 1: Manufacturing site change

Process	Before	After
Front end	VGS,Taiwan	No change
Dicing	VGS,Taiwan	Subcon, China
Assembly	VGS,Taiwan	Subcon, China

Table 2: Schottky chip thickness consolidation

Products	Current Chip thickness(mil)	Consolidated Chip Thickness(mil)
SB220~SB260	14	12
SB2H90~SB2H100	11	12

CLASSIFICATION OF CHANGE:

Assembly Site.

Wafer/Chip/Pellet Process/Structure – Chip thickness.

Assembly Process/Structure – Lead design.

REASON FOR CHANGE:

For productivity and capacity improvement.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

There will be no effect on quality, reliability performance.

PRODUCT CATEGORY: Rectifiers

PART NUMBERS/SERIES/FAMILIES AFFECTED: Involved P/Ns are listed in below table.

P/N	P/N	P/N
SB220-E3/54	SB240-E3/73	SB260-E3/73
SB220-E3/73	SB250-E3/54	SB2H100-E3/54
SB230-E3/54	SB250-E3/73	SB2H100-E3/73
SB230-E3/73	SB260-E3/53	SB2H90-E3/54
SB240-E3/54	SB260-E3/54	SB2H90-E3/73



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VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start Conversion Date: September 20, 2017
Last Time Buy Date from original site: October 14, 2017
Last Time Shipment Date from original site: January 14, 2018

SAMPLE AVAILABILITY: Per request.

PRODUCT IDENTIFICATION: The manufacturing code “J” will be added followed by data code (XXXXJ) for identification of the new manufacturing site.

QUALIFICATION DATA: Available upon request.

RESPONSE DATE: This PCN is considered approved, without further notification, unless we receive specific customer written concerns before **September 14, 2017** or as specified by contract.

ISSUED BY: R.S. Chin, Product Marketing Director – Rectifiers (Standard & Schottky)

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