



Product Change Notification



Product Group: Diodes Division / September 20, 2021 / PCN-DD-017-2021 Rev. 0

Conversion of SOT-323 RF PIN Diode BAR 64 to 6 inch wafers

DESCRIPTION OF CHANGE :

The Silicon Wafer Diameter used as raw material will change from 4 Inches (100mm) to 6 Inches (150mm) and the manufacturing process will be adapted to 6 Inch lines which includes changes in chip design, diffusion and doping technology. With this PCN Vishay is also transferring to new part numbers in accordance with Vishay Diodes standard nomenclature.

CLASSIFICATION OF CHANGE :

Wafer/Chip/Pellet Process/Structure

REASON FOR CHANGE :

Wafer fab technology consolidation

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE :

There will be no impact on quality and reliability.

PRODUCT CATEGORY : Diodes

PART NUMBERS/SERIES/FAMILIES AFFECTED :

4 Inch Part Numbers before PCN	6 Inch Part Numbers after PCN
BAR64V-05W-E3-08	BAR64-05W-E3-08
BAR64V-05W-E3-18	BAR64-05W-E3-18

VISHAY BRAND : Vishay Semiconductors

TIME SCHEDULE : Start shipment date of new part numbers: November 21, 2021

Last time buy of existing part numbers : March 20, 2022

Last time ship of existing part numbers : November 20,2022

SAMPLE AVAILABILITY : Available upon request.

PRODUCT IDENTIFICATION : N/A

QUALIFICATION DATA : Available upon request.

RESPONSE DATE : This PCN is considered approved, without further notification, unless we receive specific customer concerns before November 20, 2021 or as specified by contract.

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For further information, please contact your regional Vishay office.

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