



Product Change Notification



Product Group: Opto Sensors & IRDC 12-MAR-2021 / PCN OSI-1175-2021 Rev. 0

TITLE: Change of Photodiode Chip in BPV10 and BPV10NF devices

DESCRIPTION OF CHANGE: The old technology photodiode chip in our affected products will be replaced by latest technology PD chip developed and used also in our automotive products. There are no other changes to the products. The product performance meets the current specifications according to datasheets. The parts have been re-qualified according to Vishay strict reliability tests over 1000h.

CLASSIFICATION OF CHANGE: Wafer/Chip/Pellet Process/Structure

REASON FOR CHANGE: The Substrate material (4 Inch Silicon Substrate) has been discontinued by supplier.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: No influence on quality, reliability or performance is expected. Nevertheless, we recommend to test the product in customers application.

PRODUCT CATEGORY: Photo Detectors

PART NUMBERS / SERIES / FAMILIES AFFECTED:

BPV10
BPV10NF

VISHAY BRAND(s): VISHAY SEMICONDUCTORS

TIME SCHEDULE: Annotations about time schedule:

Start Shipment Date: 30-APR-2021

SAMPLES AVAILABLE BEGINNING: 08-MAR-2021

We need samples for evaluation: Yes No
If Yes return this form to contact information below.

PRODUCT IDENTIFICATION: Change will be indicated by Date code marking

QUALIFICATION DATA: Data is available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 16-APR-2021 or as specified by contract.

ISSUED BY:

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For further information, please contact your regional Vishay office.

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Attached Part Number List:

Material
BPV10
BPV10NF
BPV10NF-CS21