



# Product Change Notification



Product Group: Opto Sensors & IRDC 17-APR-2018 / PCN OSI-1015-2018 Rev. 0

## TITLE: Wafer size consolidation for BPV23\*, TEMD5\*20X01 and VBP104\* product families

**DESCRIPTION OF CHANGE:** Vishay Opto division consolidates raw material for BPV23\*, TEMD5\*20X01 and VBP104\* product families to 6-inch silicon wafer diameter.  
The new wafer size has been qualified according to Vishay standards.  
There is no change in datasheets, performance or reliability of the affected products.

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

**REASON FOR CHANGE:** Wafer size consolidation

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** No change in form, fit, function and reliability performance

**PRODUCT CATEGORY:** Photo Detectors

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

BPV23F  
BPV23FL  
BPV23NF  
BPV23NFL  
TEMD5020X01  
TEMD5120X01  
VBP104FAS  
VBP104FASR  
VBP104S  
VBP104SR

**VISHAY BRAND(s):** VISHAY SEMICONDUCTORS

**TIME SCHEDULE:** **Annotations about time schedule:**

Start Shipment Date: 01-SEP-2018

**SAMPLES AVAILABLE BEGINNING:** 15-APR-2018

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

**PRODUCT IDENTIFICATION:** date code

**QUALIFICATION DATA:** available on request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 30-JUN-2018 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 List  
PCN OSI-983-2017

BPV23F  
BPV23FL  
BPV23FL-AS12  
BPV23FL-ES12Z  
BPV23NF  
BPV23NF-AS21  
BPV23NFL  
TEMD5020X01  
TEMD5120X01  
TEMD5120X01-GS15  
VBP104FAS  
VBP104FASR  
VBP104S  
VBP104SR