



# Product Change Notification



Product Group: Opto Sensors & IRDC 27-MAY-2017 / PCN OSI-983-2017 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" 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:

Start Shipment Date: 27-AUG-2017

**SAMPLES AVAILABLE BEGINNING:** 04-JUN-2017

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

### Annotations about time schedule:

**PRODUCT IDENTIFICATION:** datecode

**QUALIFICATION DATA:** available on request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 29-JUL-2017 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