



# Product Change Notification



Product Group: Opto Sensors & IRDC 25-FEB-2019 / PCN OSI-1062-2019 Rev. 0

## TITLE: Change of Photodiode Wafer Size for IrDA TFBx46xx Series from 4 to 6 inch

**DESCRIPTION OF CHANGE:** The Photodiodes used in the TFBx46xx Series are now manufactured on 6 inch wafers instead of the 4 inch wafers used previously. The wafer process and technology are the same. There is no change in device characteristics nor in the fit/form function.

**CLASSIFICATION OF CHANGE:** Direct Materials (Major)

**REASON FOR CHANGE:** Continuous improvement and unavailability of 4" Si wafer material

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** None. We recommend to test the product in Customers application.

**PRODUCT CATEGORY:** IRDA® Transceivers

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

IrDC

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

### TIME SCHEDULE:

Start Shipment Date: 01-JUN-2019

**SAMPLES AVAILABLE BEGINNING:** 24-FEB-2019

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

### Annotations about time schedule:

The Start Shipment date does not comply with the standard PCN period of 6 months. In order to avoid supply shortages, the start shipment date will be June 1st

**PRODUCT IDENTIFICATION:** date code

**QUALIFICATION DATA:** Quality Test Report

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 09-MAR-2019 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:

TFBS4650-TR1  
TFBS4650-TR3  
TFBS4650-TT3  
TFBS4650E-TR1  
TFBS4650E-TR3  
TFBS4650E-TT3  
TFBS4652-TR1  
TFBS4652-TR3  
TFBS4652-TT1  
TFBS4652E-TR1  
TFBS4652E-TR3  
TFBS4652E-TT1  
TFBS4652E-TT3  
TFBR4650-TR1  
TFBR4650E-TT3