



# Product Change Notification



Product Group: Opto Sensors & IRDC 15-JAN-2014 / PCN OSI-711-2013 Rev. 0

## TITLE: Replacement of IR Emitter Chip for TSAL6x00, TSML10x0, and TCND5000 products

**DESCRIPTION OF CHANGE:** The infrared emitter chip of affected products will be replaced. The new used emitter chip technology has a faster switching speed (15ns vs 800ns). All other characteristics will be kept along with the datasheet specification

**CLASSIFICATION OF CHANGE:** Wafer/Chip/Pellet Layout/Design

**REASON FOR CHANGE:** Raw material discontinuation of old emitter chip technology.

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** No influence expected

**PRODUCT CATEGORY:** Infrared Emitters / Optical Sensors

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

TSAL6100-PTY  
TSAL6200-PTY  
TSAL6400-PTY  
TSML1000-PTY  
TSML1020-PTY  
TSML1030-PTY  
TSML1040-PTY  
TCND5000-PTY

for details please refer to attached material list.

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

### TIME SCHEDULE:

Start Shipment Date: 01-MAY-2014

Last Time Buy Date:

Last Time Shipment Date:

**SAMPLES AVAILABLE BEGINNING:** 17-FEB-2014

We need samples for evaluation: Yes No

If Yes return this form to contact information below.

### Annotations about time schedule:

**PRODUCT IDENTIFICATION:** Date Code

**QUALIFICATION DATA:** Available upon request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 17-FEB-2014 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

TSAL6100  
TSAL6100-AS12Z  
TSAL6100-ES21  
TSAL6100-MS12  
TSAL6200  
TSAL6200-AS21  
TSAL6200-ASZ  
TSAL6200-ES21  
TSAL6200-ESZ  
TSAL6200-KSZ  
TSAL6200-MS12Z  
TSAL6400  
TSAL6400-MSZ  
TSAL6100CH1  
TSAL6201F  
V6100P  
  
TSML1000  
TSML1000-GS15  
TSML1020  
V910P  
TSML1030  
TSML1040  
  
TCND5000