

**PCN: V19-010-F48070-MA**

## Product Change Notice

Issue Date: 16 October 2019

### **Change Type:**

Minor

### **Parts Affected:**

AFBR-57B4APZ



### **Description and Extent of Change:**

Current situation:

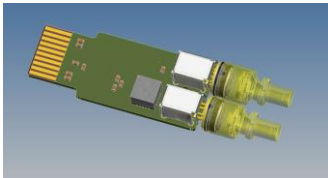
No. 1: Transmitter and receiver optical subassembly (TOSA and ROSA) with EMI shields

No. 2: TOSA with current VCSEL

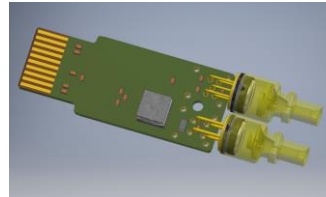
Change:

No. 1: Transmitter and receiver optical subassembly (TOSA and ROSA) without EMI shields

Current OSA:



New OSA:



No. 2: TOSA with new VCSEL variant

### **Reasons for Change:**

1. Improve quality and reliability by reducing the risk of shorts between active pins and EMI shield.
2. Ensure long term material supply chain availability; new VCSEL-variant is fully qualified and already in use for other products.

### **Effect of Change on Fit, Form, Function, Quality, or Reliability:**

The device specification will remain the same. No change on Fit, Form and Function. Quality and Reliability will be improved. Reliability qualification will be performed to ensure continued quality of the product.

**Effective Date of Change:**

No. 1: Product shipments which may contain changed material may begin on or after the week 4 2020,  
No. 2: Product shipments which may contain changed material may begin on or after the week 27 2020,

The initiation of the change may be spread over approximately 6 months. Timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

**Qualification Data:**

Qualification samples are available.

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These changes have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Broadcom field sales for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.