

PCN: V16-004-F48070-MA

Product Change Notice

Issue Date: 1st July 2016

Change Type:

Minor

Parts Affected:

AFBR-2521CZ
AFBR-2531CZ
AFBR-2541CZ

AFBR-390525RZ
AFBR-390550RZ
AFBR-390575RZ
AFBR-390500RZ

Description and Extent of Change:

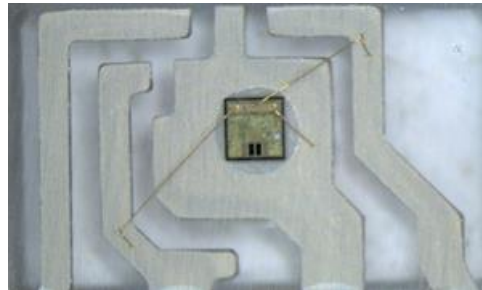
Current:

The above mentioned products are released for ambient temperature range from -40°C up to +85°C using a standard wiring scheme without safety bonds.



Change:

1. The products (AFBR-2521CZ, AFBR-2531CZ, AFBR-2541CZ) will be upgraded for ambient temperature range from -40°C up to +95°C.
2. Change of the wirebond-position and implementation of a safety bonds.
3. For AFBR-390525RZ, AFBR-390550RZ, AFBR-390575RZ, AFBR-390500RZ the same inserts are used as for parts mentioned under 1), ambient temperature extension is not planned at this time.

**Reasons for Change:**

To meet the increasing demand of our customers for products suitable for extended temperatures, Broadcom has improved the reliability of these products by a change in the wire position of the molded inserts and by additionally implementing a safety bond.

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

No change to fit, form, function. The product datasheet specification remains the same. Reliability qualifications have been performed before the implementation date to ensure the product reliability meets the increasing quality requirement due to the extended ambient temperature. Detailed product characterizations were performed to ensure product compliance to datasheet.

Effective Date of Change:

The approximate dates for sample availability, qualification completion and effective date of change for the above changes are 1st October 2016. Timing of shipment, on or after the target date of the changed part will vary by part number depending on customer demand, and inventory levels.

Recommended Action to be Taken by Customer:

- 1) Please return any questions as soon as possible, but not to exceed 30 days.
- 2) Sample requests must specify the PCN # stated above and shall be placed by your Avago Sales contact.

For any questions specific to this PCN, please contact christian.hundsberger@broadcom.com.

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

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.