

Product Change Notice

Issue Date: 1st October 2018

Change Type:

Assembly: Alternate CM Assembly

Parts Affected:

ACFM-7045-BLK
ACFM-7045-TR1
ACFM-7045-LT1
ACFM-7045-SG1
ACFM-7045-SQ1
ACMD-6225-BLK
ACMD-6225-TR1

Description and Extent of Change:

Broadcom is qualifying alternate supplier for the above Change Type for the affected part numbers.

Reasons for Change:

This is part of Broadcom's strategy to improve flexibility/assurance of supply within the manufacturing process to prevent delivery shortfalls due to unforeseen circumstances.

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

All affected products will be manufactured according to the same electrical and mechanical specification and there will be no change to the external fit, form, function, footprint, quality and reliability of final product.

Effective Date of Change:

The availability date for samples, characterization report and product shipments from new alternate assembly site are shown in the table below.

| Part Number | Characterization Reports & Samples Availability | Target Shipment |
|--------------------|--|--------------------------|
| ACFM-7045 | 1 st Oct 2018 | 1 st Jan 2019 |
| ACMD-6225 | 1 st Oct 2018 | 1 st Jan 2019 |

Exact timing of shipments of the changed part will vary depending on customer demand and inventory levels. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

Qualification Data

All devices (except solderability test) are subjected to MSL3 Preconditioning (JESD22-A113) prior to each stress test condition shown in table below:

| Stress Test | Stress Condition | Duration | Number of Devices | Results |
|-------------------------|--|----------|-------------------|-------------|
| MSL3 verification | 24hrs HTS 125°C + 40hrs WHTS 60C/60%RH + 3X Reflow, 260°C max (J-STD-020D.01) | 3X | 75 | No Failures |
| Thermal Shock | -65°C/+150°C, 10 min dwell | 500X | 300 | No Failures |
| Temperature Humidity | 85C/85%RH | 380hrs | 300 | No Failures |
| Electrostatic Discharge | Human Body Model | 250V | 30 | No Failures |
| | Machine Model | 100V | 30 | No Failures |
| | Charged Device Model | 300V | 30 | No Failures |
| Solderability Test | Steam aging 1 hr, Pb Free solder, 245C, 5 sec | 1X | 66 | No Failures |

The changes to these Broadcom parts have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification A-5962-6052-80.

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