

## Product Change Notice

**Issue Date: 21-June-2022**

**Change Description:**

Adding assembly supplier SIGNETICS

**Parts Affected:**

- BCM59121B0KMLG
- BCM59122B0KMLG
- BCM59128B0KMLG

**Description and Extent of Change:**

Adding additional assembly supplier to increase capacity for BCM59121B0KMLG, BCM59122B0KMLG and BCM59128B0KMLG.

**Reasons for Change:**

Manufacturing flexibility

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

The device specification will remain the same, which will ensure product electrical performance remains the same. Appropriate electrical characterization and reliability qualification has been performed on representative product to ensure normal parametric distribution, consistent electrical performance, and reliability.

**Effective Date of Change:**

Product shipments using this change will begin after 09/19/2022. Timing of shipment of the changed part will vary by part number depending on customer demand, and inventory levels

**Qualification Data:**

Qualification data will be available after 07/25/2022. Qualification plan as below:

| Stress   | Condition                             | Read point<br>(Cycle/Hr) | Sample Size                        |
|--|---------------------------------------|--------------------------|------------------------------------|
| Precondition <sup>1</sup>                                      | JESD22-A113E ,J-STD-020               | MSL3                     | Depends on stress test type        |
| Temperature Cycle <sup>4,5</sup><br>(SBS <sup>8</sup> package) | -55 °C/ 125 °C<br>JESD22-A104 Cond. B | 700                      | 77 unit<br>(Preconditioned parts)  |
| Unbiased HAST <sup>1,2</sup>                                   | 130 °C, 85% RH,<br>JESD22-A118        | 96                       | 77 units<br>(Preconditioned parts) |
| HTSL <sup>5</sup>  | TA=150°C<br>JESD22-A103               | 1000                     | 77 units                           |



**Software / Firmware Update:**

As with all changes please check with your Broadcom FAE to determine if any software or firmware updates are required as a result of this change.

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Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.