

Product Change Notice

Issue Date: November 1, 2018

Change Type:

Adding Assembly Production Site

Parts Affected:

BCM65100IFEB
BCM65100IFEBG
BCM65100IFSBG
BCM65100TIFEBG
BCM65100TIFSBG
BCM65112IFEBG
BCM65112IFSBG
BCM65112TIFEBG
BCM65112TIFSBG
BCM65116IFEBG
BCM65116IFSBG
BCM65116SIFEBG
BCM65116TIFEBG
BCM65116TIFSBG
BCM65118IFEBG
BCM65118IFSBG
BCM65118KFEBG
BCM65118TIFEBG
BCM65118TIFSBG
BCM65300IFEB
BCM65300IFEBG
BCM65300IFSBG
BCM65300TIFEBG
BCM65300TIFSBG
BCM65308IFEBG

Description and Extent of Change:

Adding Assembly Production site - Amkor Taiwan

Reasons for Change:

Additional assembly capacity.

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 will be performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability.

Effective Date of Change:

Product shipments using this change will begin after February 15, 2019. Timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

Qualification Data:

| TEST | SPEC | Conditions | Sample Size | Read point (hrs/cycles ~) | Results |
|-------|-------------|--|-------------|---------------------------|---------|
| uHAST | JESD22-A118 | 130°C, 85% RH, No bias (pre-con parts) | 77 | 96 Hrs | Pass |
| TC | JESD22-A104 | -55°C to 125°C air to air (pre-con parts) | 77 | 500 cycles | Pass |
| | | | | 700 cycles | Pass |
| | | | | 1000 cycles | Pass |
| HTSL | JESD22-A103 | Ta= 150°C. | 77 | 500 Hrs | Pass |
| | | | | 1000 Hrs | Pass |
| MSL | JESD-A113 | Level 4(30°C, 60%RH) | 154 | 96 Hrs | Pass |

Software / Firmware Update:

No firmware or software change is needed.