

Product Advisory

Issue Date: 17-February-2022

Change Description:

2nd source assembly bring-up at ASE Chung Li for below part numbers

Parts Affected:

B50210EB1KMLG
B50212EB1IMLG
B50212EB1KMLG
BCM54210EB1IMLG
BCM54210EB1KMLG
BCM54210EB1KMLGT
BCM54210PEB1IMLGT

Description and Extent of Change:

Adding additional assembly supplier to increase capacity for above part numbers

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 products to ensure normal parametric distribution, consistent electrical performance, and reliability.

Effective Date of Change:

Product shipments using this change will begin after 03/31/2022. Timing of shipment of the changed part will vary by part number depending on customer demand, and inventory levels.

Qualification Data:

Please reference the table below for Qualification Data.

Stress Test	Condition	Read points	Sample Size	Requirements	Results (# fail/ss)
		Cycles / Hrs.			
Precondition	MSL3 JEDEC Std. 22-A113G		154 units	0 failures	0 / 154
Temp Cycle	-55°C / 125°C JEDEC Std. 22-A104-E Cond. B	1000 cycles	77 units	0 failures	0 / 77
uHast	130°C/85%RH JEDEC Std. 22-A118-B	96 hrs	77 units	0 failures	0 / 77
HTSL	TA=150°C JEDEC Std. 22-A103-C	1000 hrs	77 units	0 failures	0 / 77



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.

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.