

Product Change Notice

Issue Date: 24-August-2023

Change Description:

Bring up 2nd source assembly for the following parts at ASE KaoHsiung

Parts Affected:

Part Number

B50180B0KFBG
B50185B0KFBG
B50290B0IFBG
B50294B0KFBG
BCM5221A4KMLG
BCM54180B0IFBG
BCM54180B0KFBG
BCM54185B0IFBG
BCM54185B0KFBG
BCM54190B0KFBG
BCM54194B0IFBG
BCM54194B0KFBG
BCM54195B0KFBG
BCM54214EB1IMLG
BCM54216ECB1IMLG
BCM54290B0IFBG
BCM54290B0KFBG
BCM54293B0IFBG
BCM54294B0IFBG
BCM54294EB0IFBG

Description and Extent of Change:

Adding additional assembly suppliers to increase capacity for the 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 the product's electrical performance remains the same. Appropriate electrical characterization and reliability qualification have 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 11/25/2023. The timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

Qualification Data:

QFN

Stress Test	Condition	Read points Cycles / Hrs.	Sample Size	Requirements	Results (# fail/ss)
Precondition	MSL3 JEDEC Std. 22-A113G		154 units	0 failures	0 / 154
Temp Cycle	-55°C / 125°C JEDEC Std. 22-A104 Cond. B	700 cycles	77 units	0 failures	0 / 77
uHAST	130°C/85%RH JEDEC Std. 22-A118	96 hrs	77 units	0 failures	0 / 77
HTSL	TA=150°C JEDEC Std. 22-A103	1000 hrs	77 units	0 failures	0 / 77

FBGA

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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.