

PA-239520

Product Advisory

Issue Date: 01-November-2021

Change Description:

Adding KCC Korea as an additional substrate supplier

Parts Affected:

BCM49408A0KFEBG
BCM49408A0IFEBG

Description and Extent of Change:

Adding additional substrate supplier, KCC Korea, to increase supply capacity.

Reasons for Change:

Increase capacity to meet demand.

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

Added substrate suppliers uses dry film solder resist material which is translucent, and is currently used in production on other Broadcom high volume products. 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 12/01/2021. Timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

Qualification Data:

Qualification Data has been generated and approved. Please reference the table below.

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	300 cycles	Pass
				700 cycles	Pass
HTSL	JESD22-A103	Ta=150°C	77	500 Hours	Pass
				1000 Hours	Pass
MSL	JESD22-A113	Level 3 (30°C, 60%RH)	154	96 Hours	Pass

