

Product Advisory

Issue Date: December 14, 2020

Change Type:

Additional assembly supplier - SPIL China

Parts Affected:

BCM68380IFSGB
BCM68380MIFSGB
BCM68389IFSGB

Description and Extent of Change

Adding additional assembly supplier- SPIL China to increase capacity

Reasons for Change:

Increase capacity to meet demand.

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 3/1/2021. 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 table below.

SPIL China

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 4 (30°C, 60%RH)	154	96 Hours	Pass

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.