

## Product Advisory

Issue Date: 25-Jan-2022

**Change Description:**

Adding assembly supplier SIGNETICS-Korea

**Parts Affected:**

BCM68580HB1IFSBG  
BCM68580XB1IFSBG  
BCM68580XFB1IFSBG  
BCM68580XMB1IFSBG  
BCM68580XPB1IFSBG  
BCM68580XVB1IFSBG

**Description and Extent of Change:**

Adding additional assembly supplies to increase supply 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 03/15/2022. 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

Stress Test	Condition	Read points	Sample Size	Requirements	Results
		Cycles / Hrs.			
Precondition	MSL3 JESD22-A113E		154 units	0 failures	0 / 154
Temp Cycle	-55°C / 125°C JEDEC Std. 22-A104-C Cond. B	1000 cycles	77 units	0 failures	0 / 77
uHast	130°C/85%RH JEDEC Std. 22-A102-C	96hrs	77 units	0 failures	0 / 77
HTSL	TA=150°C	1000hrs	77 units	0 failures	0 / 77



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.