

## Product Change Notice

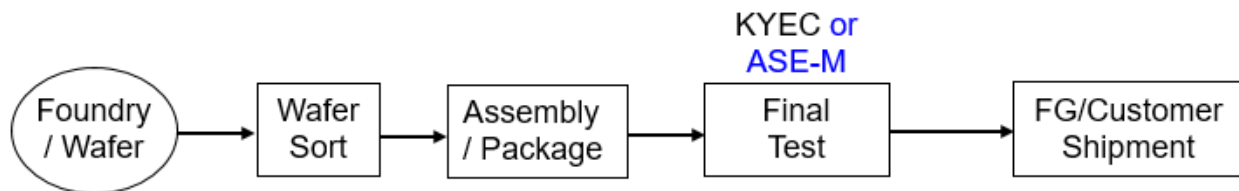
Issue Date: 2-Nov-2023

**Change Description:**Add ASE-M as a 2<sup>nd</sup> source Final Test site**Parts Affected:**

BCM89881B1BFBG  
BCM89881B1BFBGT  
BCM89882B1BFBG  
BCM89883B1BFBG  
BCM89883B1BFBGT

**Description and Extent of Change:**

Electrical Final Testing (FT) is currently performed on this product at KYEC (Chu-Nan, Taiwan R.O.C.). Broadcom will add ASE (Malaysia) as a 2<sup>nd</sup> source for FT. There is no change to the Foundry, Wafer Sort, or Assembly locations or processes for this PCN – see updated flow below.



Note that ASE-M is a Broadcom qualified automotive supplier.

**Reasons for Change:**

Increase final test capacity and flexibility

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

The device specification, test limits, SYA/SBL limits, and S-PAT will remain the same, which will ensure product electrical performance remains the same. Appropriate correlation will be performed to ensure no impact on Fit, Form, Function, Quality, or Reliability.

**Effective Date of Change:**

Product shipments using this change will begin on or after **15-Jun-2024**. Timing of shipment of parts tested at ASE will vary by part number depending on customer demand and inventory levels.

**Correlation Information:**

The KYEC-to-ASE correlation will be completed by **31-Dec-2023**.

See the table below for correlation details.

Correlation Item	ASE-M Final Test			
	89883/89882		89881	
Tester	Same as at KYEC		Same as at KYEC	
Test DIB	Same as at KYEC		Same as at KYEC	
Test Program	Same as at KYEC		Same as at KYEC	
Test time / # of tests	Same as at KYEC		Same as at KYEC	
SYL/SBL limits	Same as at KYEC		Same as at KYEC	
S-PAT limits	Same as at KYEC		Same as at KYEC	
	Result	OK/NOK	Result	OK/NOK
Tester MSA	Pending		Pending	
Reproducibility: - Loop 20x; 4 units/site (4 sites) @ Hot Temp - Loop 20x; 4 units/site (4 sites) @ Cold Temp	Pending		Pending	
Repeatability: - Loop 50x; 1 unit @ Hot Temp - Loop 50x; 1 unit @ Cold Temp	Pending		Pending	
Yield/reject correlation/comparison (≥25 KGU & ≥25 KBU)*	Pending		Pending	
Analog test parameter correlation (500u/lot)	3 lots		1 lot	

\*Note: KGU = Known Good Units; KBU = Known Bad Units

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**.