

Product Change Notice

Issue Date: Aug 6, 2020
New Rev Date: Aug 13, 2020

Change Type:

Major

Parts Affected:

Broadcom P/N	Description
AFCT-57xxxPZ-xxx	1G LX SFP
ABCU-574xXRZ-xxx	1G CuSFP
ABCU-573xXRZ-xxx	1G CuSFP
AFBR-57F5xxZ-xxx	16G SW
AFBR-710xSMZ-xxx	10G SR Gen5
AFCT-58x5xZ	SONET 1x9
AFCT-596xXXXZ	SONET SFF

Description and Extent of Change:

Complete relocation of Hi-Optel factory (Avago CM) from the city of Shenzhen to the city of Dongguan in the Guangdong region in China.

Reason for Change:

The government in Shenzhen will be taking the current factory area for urban renewal.

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

- There will be no change to the form, fit, function, quality and reliability of the devices.
- The device specification, subcomponents and manufacturing process will be identical.
- There will be no change to existing supply chain (piece part suppliers).
- There will be no change to any equipment.

Effective Date of Change:

Product shipment from the new location will begin [Nov 4, 2020](#).

Qualification Data:

Table 1: Qualification Test Summary

Qualification vehicle: ABCU-5740ARZ (1G CuSFP) and AFBR-710SMZ (10G SR Gen5)

Leg	Test	Reference	Condition	Sample Size	Test Points
1	High Temperature Operating Life	GR-468-CORE	Tcase = 85°C, Vcc=3.3V, Release point: 1000 hrs	11	Passed
2	Biased Damp Heat	MIL-STD-202 Method 103	Ta = 85°C, RH = 85%, Vcc=3.3V, Release point: 1000 hrs	11	Passed
3	Temperature Cycling	MIL-STD-883 Method 1010	Ta = -40°C to +85°C Release point: 500 cyc	11	Passed
4a	Mechanical Shock (MS)	MIL-STD-883 Method 2002B	1500g, 0.5ms, 5 shock/axis, 6axis	11	Passed
4b	Mechanical Vibration (MV)	MIL-STD-883 Method 2007	20g, 20 to 2000Hz, 3 axis, 4min/cycle, 4 cycle/axis		Passed
5	Good Device Analysis (GDA)	NA	1 fresh sample 1 500cyc TMCL sample 1 post MSMV sample	3	Passed
6	MVB (Manufacturing Verification Build)	GR-468-CORE/MIL-STD-883 Method 1010	48 hrs HTOL (Tcase=85°C, Vcc=3.3)+ 20 cycle TMCL (Ta= -40°C/85°C)	100	Passed

Recommended Actions to be Taken by Customer:

Please contact Local Sales to request samples and include product change notification number listed at the top right.