PCN-304469

Product Change Notice

Issue Date: 06-February-2026

Change Description:

1. Manufacturing site relocation
2. standardization of storage temperature range for HSMF-A2xx and HSMF-A3xx.

Parts Affected:

HSMA-A430-W90M1	HSMF-A201-A00J1	QSMP-CWH1-ZCEB2	AREQ-95C0-NQ000
HSMA-A431-X90M1	HSMF-A202-A00J1	QSMP-CWJK-ZCEC2	CREQ-8020-MP000
HSMA-A431-Y00M1	HSMF-A203-A00J1	QSMP-CWP2-ZDFZ2	CREQ-80C0-LN000
HSMA-A431-Y3WM1	HSMF-A204-A00J1	QSMP-CWP3-ZDFZ2	CREQ-9020-MP000
HSMC-A431-Y80M1	HSMF-A205-A00J1	AREQ-8020-00000	CREQ-90C0-LN000
HSMA-A431-Z50M1	HSMF-A206-A00J1	AREQ-8020-MP000	CSCQ-9320-SS000
HSMA-A431-Z5WM1	HSMF-A211-A00J1	AREQ-80C0-00000	ASCQDA30-B2231A2A305
HSMA-A460-W50M1	HSMF-A222-A00J1	AREQ-80C0-LN000	ASCQDA60-B1112A2A305
HSMA-A461-X83M1	HSMF-A226-A00J1	QREQ-80RM-NP000	ASCQDB30-NX1Y1B2B302
HSMC-A430-W50M1	HSMF-A341-A00J1	AREQ-9020-MP000	ASCQDG30-N1222G2G302
HSMC-A431-X90M1	ASMB-6WD0-0A101	AREQ-90C0-LN000	ASCQDR30-B2231R0R105
HSMC-A461-V00M1	ASMB-6WZ0-0A101	QREQ-90MB-00000	ASCQDR60-BZ211R0R105
HSMJ-A431-X90M1	ASMB-6ED0-0A101	AREQ-8320-RT000	ASCQFA30-B2231A2A305
HSMJ-A461-W40M1	QSMB-6WDC-0A1B1	AREQ-83C0-QS000	QZCQFA30-B2231A2A305
HSML-A431-X90M1	QSMB-6WDD-0A1C1	AREQ-8520-QR000	ASCQFA60-B1112A2A305
HSML-A461-W40M1	QSMB-6WDH-0A1C1	AREQ-85C0-NQ000	ASCQFB30-NX1Y1B2B302
HSMM-A430-X90M2	QSMB-6WDF-0A1B1	AREQ-9320-RT000	ASCQFG30-N1222G2G302
HSMN-A430-V50M2	QSMB-6WZA-0A1A1	AREQ-93C0-QR000	ASCQFR30-B2231R0R105
ASMQ-DG04-NY303	QSMB-6WZB-0A1B1	AREQ-9520-PR000	ASCQFR60-BZ211R0R105
ASMQ-DG05-NX603	QSMP-CWCN-ZDEA2		

Description and Extent of Change:

1. Manufacturing site relocation
2. Storage and Operating temperature range specification change for HSMF-A2xx and HSMF-A3xx from -55°C to +100°C to -40°C to +100°C.

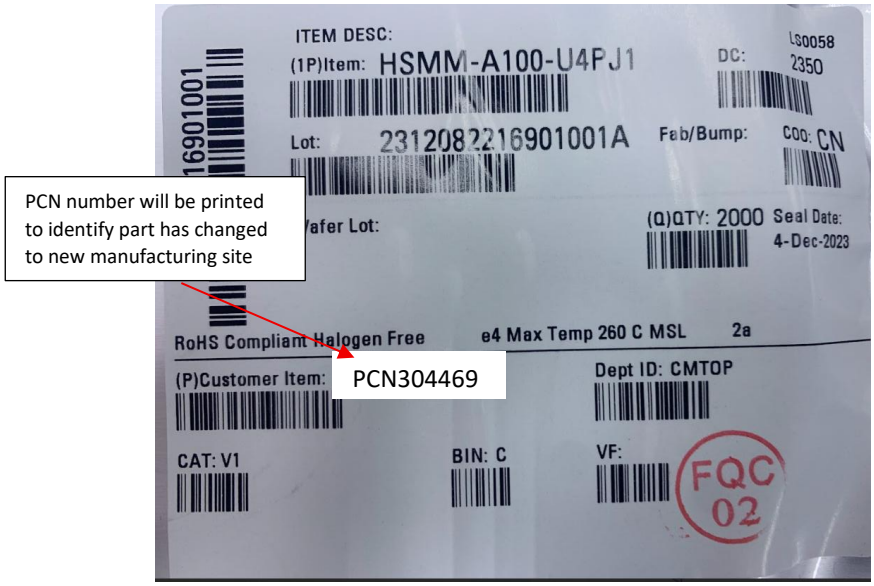
Reasons for Change:

1. To ensure continuity of supply to customers
2. Standardization of Storage and Operating temperature range for Broadcom's LEDs.

Effect of Change on Fit, Form, Function, Quality, or Reliability:
Only Man change, no change on Material, Machine and Method. There will be no change on fit, form, function, quality and reliability of final product.

Effective Date of Change:
Parts with above change will commence 90 days after issuance date above.
Broadcom will continue to ship parts from both sites after implementation date until inventories are fully depleted.

Parts identification:
PCN number identification will be printed on the mother label to identify the lot has changed to new manufacturing site as indicated below.



Qualification Data:

Test Name	Reference	Test Conditions	Units Tested	Units Failed
High Temperature Operating Life	JESD22-A108	T_A = 70°C for 1000 hours ASMP-CWH: 31mA HSMA-A431: 24mA HSMF-A203: 26mA ASMB-6WD0: 25mA/ 15mA	56	0
Temperature Cycle	JESD22-A104	ASMP-CWH1:-40/100'C; 30|5|30min HSMA-A431: -40/100'C; 15|5|15min HSMF-A203: -40/100'C; 15|5|15min ASMB-6WD0: -40/100'C; 30|5|30min For 100 cycles	336	0

Temperature Humidity Storage Life	JEITA ED-4701/ 100 103	ASMP-CWH1 & ASMB-6WD0: T_A = 60°C, 90% RH for 1000 hours HSMA-A431 & HSMF-A203: TA = 85°C, 85% RH for 1000 hours	56	0