



Product Obsolescence Notification

Issue Date: 31st July 2017

OBS073117OPD1

Dear Customer,

Broadcom Limited regrets to announce the obsolescence of a list of products, which are segregated into the following categories:-

Category 1: No Last Time Buy (LTB)

Category 2: 3 Months LTB

Category 3: 6 Months LTB

Part numbers are listed in the Appendix. Please note that orders for products from Category 2 & 3 will be accepted on a non-cancelable, non-returnable basis only. Broadcom Limited reserves the right to limit last time buy quantities based on capacity and material availability.

You are strongly encouraged to switch to the recommended replacement parts stated above and Broadcom Limited is willing to provide free samples of these parts for customer evaluation. Please take note that the recommended replacement parts may or may not be drop-in replacement; they may be the closest replacement available.

If you have any questions about this obsolescence, please do not hesitate to contact your local Broadcom Limited sales representative or authorized distributors.

**Optoelectronic Products Division
Broadcom Limited**

Please contact your Broadcom Limited field sales engineer or Contact Center for any questions or support requirements.

APPENDIX – Part Number Listings

Category 1: No Last Time Buy (LTB)

Products will be obsoleted immediately on July 31st, 2017. There will be no last time buy offered.

Product Family	Part Number	Part Description	Replacement Part
Base lamp	HLMP-K401-FG000	Lamp,3mm,GaP,Org	HLMP-K401-FH000
Base lamp	HLMP-NS30-NQ0DD	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-J00DD
Base lamp	HLMP-NS30-RU0DD	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-J00DD
Chipled	QSMT-FW12	TheiaLED Flash,Top Mount,White	N/A
Cluster	QDSP-398B	S4,PCB,10mm Slim Font,Blue,CA	N/A
ESS	ASMB-TTE0-0A3A2	PLCC6, B-lite RGB	ASMB-TTB0-0A3A2
ESS	ASMB-TTE0-ZA3A2	PLCC6, B-lite RGB	ASMB-TTB0-0A3A2
ESS	HLMP-EL22-UV400	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL2G-XZ0DD
ESS	HLMP-EL2P-Z1KDD	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL2V-Z1KDD
ESS	HLMP-LM3U-46PDD	Lamp,4mm,InGaN,Grn,60X110deg	HLMP-LM71-Z30DD
ESS	QLMZ-LL68-WYP00	LampZ,4mm,AllnGaP,Amb,50x100deg	QLMZ-LL68-XYP00
ESS	QLMZ-LL68-WYPDD	LampZ,4mm,AllnGaP,Amb,50x100deg	QLMZ-LL68-XYPDD
SSL	ASMT-AG31-NTU00	MS AV,3W Green	ASMT-AG31-NUV00
SSL	ASMT-JA12-ARS01	MS JD,1W Amber	ASMT-JA10-ARS01
SSL	ASMT-JA32-ARS01	MS JD,3W Amber	ASMT-JA33-AST01
SSL	ASMT-JH12-ARS01	MS JD,1W ROrg	ASMT-JH13-AST01
SSL	ASMT-JH32-ARS01	MS JD,3W ROrg	ASMT-JH33-AST01
SSL	ASMT-JN11-NUW01	MS JD,1W NWhite	ASMT-JN11-NWX01
SSL	ASMT-JY32-NUWH1	MS JD,3W Mini WWhite	ASMT-JY32-NWY01

Category 2: 3 Month LTB

- Final customer order date by October 30th, 2017
- Final ship date to customers by Jan 31st, 2018

Product Family	Part Number	Part Description	Replacement Part
Annunciator	QLCP-B247	L-Bar,.8inL X .195inW,Red	HLMP-2366
Base lamp	QLMP-NW48-UWZ00	Lamp,3mm, InGaN,White,60deg	N/A
Chipled	ASMT-FJ10-ADH00	Chip,AFA,Top Mt,AllnGaP,Org	ASMT-FJ10-AHJ00
Chipled	QSMT-FJ15-ADH00	Chip,AFA,Top Mt,AllnGaP,Org	QSMT-FJ15-AHJ00
Chipled	QSMT-FJ17-AFH00	Chip,AFA,Top Mt,AllnGaP,Org	QSMT-FJ17-AHJ00
Chipled	QSMT-FJ24-AFH00	Chip,AFA,Top Mt,AllnGaP,Org	QSMT-FJ24-AHJ00
Cluster	QDSP-398B	S4,PCB,10mm Slim Font,Blue,CA	N/A
Cluster	QDSP-496B	0.4" single digit blue TH	N/A
Cluster	QDSP-497B	0.4" dual digit blue TH	N/A

Product Family	Part Number	Part Description	Replacement Part
ESS	ALMD-CB3D-STC02	Lamp,SMT Round,InGaN,Blue,30deg	ALMD-CB3F-TV002
ESS	ALMD-EL3D-VWL02	Lamp,SMT Round,AllnGaP,Amb,30deg	ALMD-EL3E-VX002
ESS	ALMD-EL3E-VWK02	Lamp,SMT Round,AllnGaP,Amb,30deg	ALMD-EL3E-WXK02
ESS	ALMZ-CE3E-VX002	LampZ,SMT Round,InGaN,Cyan,30deg	ALMD-CE3F-XZ002
ESS	ALMZ-CE3E-VXC02	LampZ,SMT Round,InGaN,Cyan,30deg	ALMD-CE3F-XZC02
ESS	ALMZ-CE3E-VXQ02	LampZ,SMT Round,InGaN,Cyan,30deg	ALMD-CE3F-XZQ02
ESS	HLMP-CE13-24CDD	Lamp,5mm,InGaN,Cyan,15deg	HLMP-CE17-24CDD
ESS	HLMP-CE35-Y1CDD	Lamp,5mm,InGaN,Cyan,30deg	HLMP-CE33-Y1CDD
ESS	HLMP-EG08-YZ0DD	Lamp,5mm,AllnGaP,Red,8deg	HLMP-EG08-ZZ0DD
ESS	HLMP-EJ36-R0PDD	Lamp,5mm,AllnGaP,Org,23deg	HLMP-EJ24-SV0DD
ESS	HLMP-EL08-X10DD	Lamp,5mm,AllnGaP,Amb,8deg	HLMP-EL08-XYK00
ESS	HLMP-EL17-UX000	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL17-VY000
ESS	HLMP-EL17-VYK00	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL17-VY000
ESS	HLMP-EL2G-WYKDD	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL2G-XZ0DD
ESS	HLMP-EL2H-WY0DD	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL2H-XZKDD
ESS	HLMP-EL2K-WY0DD	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL2H-XZKDD
ESS	HLMP-EL30-PQLDD	Lamp,5mm,AllnGaP,Amb,30deg	HLMP-EL30-PS000
ESS	HLMP-HM72-34PDD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM74-34CDD
ESS	HLMP-HM73-34PDD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM75-34CDD
ESS	HLMP-LB72-UWPDD	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	HLMP-LB72-UWPZZ	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	HLMP-LE65-XYCDD	Lamp,4mm,InGaN,Cyan,50X100deg	N/A
ESS	HLMP-LG71-WX0DD	Lamp,4mm,AllnGaP,Red,40X100deg	HLMP-LG71-VY0DD
ESS	HLMP-LM73-35PDD	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
ESS	HLMP-LM73-35PZZ	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
ESS	HLMZ-EL2K-WY0DD	LampZ,5mm,AllnGaP,Amb,23deg	HLMP-EL2H-XZKDD
ESS	HLMZ-HL70-WY0DD	LampZ,5mm,AllnGaP,Amb,40X100deg	HLMP-HL70-XZ0DD
ESS	HLMZ-HL70-WYKDD	LampZ,5mm,AllnGaP,Amb,40X100deg	HLMP-HL70-XZKDD
ESS	HLMZ-HL71-WY0DD	LampZ,5mm,AllnGaP,Amb,40X100deg	HLMP-HL71-XZ0DD
ESS	HLMZ-HL71-WYKDD	LampZ,5mm,AllnGaP,Amb,40X100deg	HLMP-HL71-XZKDD
ESS	HLMZ-LB72-UWPDD	LampZ,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	HLMZ-LB72-VWPZZ	LampZ,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	HLMZ-LM73-35PDD	LampZ,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
ESS	HLMZ-LM73-45PZZ	LampZ,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
ESS	QLMD-LB93-TUC02	Lamp,SMT Oval,InGaN,Blue,40x100deg	ALMD-LB38-TV002
ESS	QLMD-LM93-34C02	Lamp,SMT Oval,InGaN,Grn,40x100deg	ALMD-LM38-24002
ESS	QLMP-CB7B-UVBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3H-TV0DD
ESS	QLMP-CB8D-UVBDD	Lamp,5mm,tnt,InGaN,Blue,23deg	HLMP-CB2H-UW0DD
ESS	QLMP-CM7B-Z1CZZ	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3H-Y10DD
ESS	QLMP-EG7G-YZ0DV	Lamp,5mm,AllnGaP,Red,min15deg	QLMP-EG7G-Z10DV
ESS	QLMP-EG8G-XY0DV	Lamp,5mm,AllnGaP,Red,23deg	QLMP-EG8G-YZ0DV
ESS	QLMP-LB80-UVBDD	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD

Product Family	Part Number	Part Description	Replacement Part
ESS	QLMP-LB81-UVCZZ	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	QLMP-LB84-UV PDD	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	QLMP-LB87-UVCZZ	Lamp,4mm,InGaN,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	QLMP-LM84-45PDD	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34QDD
ESS	QLMP-LM85-34QDD	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34QDD
ESS	QLMP-LM86-34CZZ	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
ESS	QLMP-LM88-34CZZ	Lamp,4mm,InGaN,Grn,40X100deg	HLMP-LM75-34CDD
S4	5082-7610-CD000	S4,0.3in,HER,CA,LDP,T/S Red	5082-7610
S4	5082-7613-CD000	S4,0.0.3in,HER,CC,T/S Red	5082-7613
S4	QDSP-A133	S4,0.3M,AlGaAs,CC	HDSP-A103
S4	QDSP-F503	S4,0.4S,Grn,CC	HDSP-F503
Smart	HDSP-2112-IJ000	5X7 SmartDisp 8Char .2in,Red	HDSP-2112

Category 3: 6 Months LTB

- Final customer order date by January 31st, 2018
- Final ship date to customers by July 31st, 2018

Product Family	Part Number	Part Description	Replacement Part
Annunciator	HLCP-F100	L-Bar,.8inL X .4inW,AlGaAs,Dual	N/A
Annunciator	HLMP-2635	L-Bar,.8inL X .4inW,HER,Dual	N/A
Annunciator	HLMP-2735	L-Bar,.8inL X .4inW,Yel,Dual	N/A
Annunciator	HLMP-2835	L-Bar,.8inL X .4inW,Grn,Dual	N/A
ESS	ASMT-QTB2-0A002	PLCC4,PWR,T/Mt,Silicone RGB	ASMB-MTB1-0A3A2
ESS	ASMT-QTC4-0EA02	PLCC4,PWR,T/Mt,Silicone RGB	ASMB-MTC1-0A3A2
ESS	ASMT-YTB5-02113	PLCC6,T/Mt,Silicone RGB	ASMT-YTB7-0AA02
ESS	HLMP-AB65-UX0DD	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB65-TW0DD
ESS	HLMP-CB3B-UV000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UV0DD
ESS	HLMP-CE13-34BDD	Lamp,5mm,InGaN,Cyan,15deg	HLMP-CE17-240DD
ESS	HLMP-EG08-Y20DD	Lamp,5mm,AllnGaP,Red,8deg	HLMP-EG08-Z20DD
ESS	HLMP-EG24-SV0DD	Lamp,5mm,AllnGaP,Red,23deg	HLMP-EG2G-XZ0DD
ESS	HLMP-EG26-RU0DD	Lamp,5mm,AllnGaP,Red,23deg	HLMP-EG2H-XZ0DD
ESS	HLMP-EG30-PQ000	Lamp,5mm,AllnGaP,Red,30deg	HLMP-EG30-PR000
ESS	HLMP-EG3A-WX0ZZ	Lamp,5mm,AllnGaP,Red,30deg	HLMP-EG3A-WX0DD
ESS	HLMP-EH15-QT002	Lamp,5mm,AllnGaP,RedOrg,15deg	HLMP-EH15-RU000
ESS	HLMP-EH17-SV0DD	Lamp,5mm,AllnGaP,Red Org,15deg	HLMP-EH1B-120DD
ESS	HLMP-EH24-RU000	Lamp,5mm,AllnGaP,RedOrg,23deg	HLMP-EH2A-Y10DD
ESS	HLMP-EJ10-X1000	Lamp,5mm,AllnGaP,Org,8deg	HLMP-EJ10-XZ0DD
ESS	HLMP-EL08-X1KDD	Lamp,5mm,AllnGaP,Amb,8deg	HLMP-EL08-XYK00
ESS	HLMP-EL08-Y20DD	Lamp,5mm,AllnGaP,Amb,8deg	HLMP-EL08-Z2000

Product Family	Part Number	Part Description	Replacement Part
ESS	HLMP-EL08-Z3K00	Lamp,5mm,AllnGaP,Amb,8deg	HLMP-EL08-Z2000
ESS	HLMP-EL10-VYKDD	Lamp,5mm,AllnGaP,Amb,8deg	HLMP-EL10-X1K00
ESS	HLMP-EL15-QSK00	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL15-VY0DD
ESS	HLMP-EL15-TW0DD	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL15-VY0DD
ESS	HLMP-EL15-VWKDD	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL15-VY0DD
ESS	HLMP-EL15-WZ000	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL15-VY000
ESS	HLMP-EL17-VW4DD	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL17-VY000
ESS	HLMP-EL17-VWKDD	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL17-VY000
ESS	HLMP-EL1B-Z1K00	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL1B-Z1KDD
ESS	HLMP-EL1G-Z2LDD	Lamp,5mm,AllnGaP,Amb,15deg	HLMP-EL1G-13LDD
ESS	HLMP-EL24-QRK00	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL24-QT000
ESS	HLMP-EL24-QS400	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL24-QT000
ESS	HLMP-EL26-TWKDD	Lamp,5mm,AllnGaP,Amb,23deg	HLMP-EL26-TUKDD
ESS	HLMP-EL30-PQ0DD	Lamp,5mm,AllnGaP,Amb,30deg	HLMP-EL30-PS000
ESS	HLMP-EL32-PS000	Lamp,5mm,AllnGaP,Amb,30deg	HLMP-EL32-PS0DD
ESS	HLMP-LB71-SV0DD	Lamp,4mm,InGaP,Blue,40X100deg	HLMP-LB71-TUBDD
ESS	HLMP-LL65-XYLDD	Lamp,4mm,AllnGaP,Amb,50X100deg	HLMP-LL65-YZLDD
ESS	HLMP-SL20-LMLDD	Lamp,4mm,AllnGaP,Amb,60X120deg	HLMP-SL20-MQLDD
ESS	HLMP-SL20-N00DD	Lamp,4mm,AllnGaP,Amb,60X120deg	HLMP-SL20-MQLDD
ESS	QLMA-KH22-NP000	Lamp,3mm,AllnGaP,RedOrg	QLMA-KH22-OP000
ESS	QLMA-KL47	Lamp,3mm,AllnGaP,Amb	HLMA-KL00-I0000
ESS	QLMP-AG94-Z10DD	Lamp,5mm,AllnGaP,Red,30X70deg	HLMP-AG64-X10DD
ESS	QLMP-AG99-120DD	Lamp,5mm,AllnGaP,Red,30X70deg	HLMP-AG64-X10DD
ESS	QLMP-AL78-23KDD	Lamp,5mm,AllnGaP,Amb,30x70deg	HLMP-AL65-23KDD
ESS	QLMP-AL80-124ZZ	Lamp,5mm,AllnGaP,Amb,30X70deg	HLMP-AL70-124ZZ
ESS	QLMP-EG6B-WX0DD	Lamp,5mm,AllnGaP,Red,30deg	HLMP-EG3B-WX0DD
ESS	QLMP-EL6B-WXLDD	Lamp,5mm,AllnGaP,Amb,30deg	HLMP-EL3B-WXLDD
ESS	QLMP-EL97-PS000	Lamp,5mm,AllnGaP,Amb,30deg	HLMP-EL3G-VX0DD
ESS	QLMP-HG94-WX0DD	Lamp,5mm,AllnGaP,Red,40X100deg	HLMP-HG70-WX0DD
ESS	QLMP-LG79-XYXDD	Lamp,4mm,AllnGaP,Red,40X100deg	HLMP-LG73-XZ0DD
ESS	QLMP-LG85-XY0DD	Lamp,4mm,AllnGaP,Red,40X100deg	HLMP-LG75-XY0DD
ESS	QLMP-LG86-XY0ZZ	Lamp,4mm,AllnGaP,Red,40X100deg	HLMP-LG75-XY0DD
ESS	QLMP-LG88-XY0ZZ	Lamp,4mm,AllnGaP,Red,40X100deg	HLMP-LG75-XY0DD
PLCC	ASMS-FWG1-ZMP16	0.2W 4014 SummerLED White	N/A
PLCC	ASMS-FWG1-ZNQ06	0.2W 4014 SummerLED White	N/A
PLCC	ASMS-FWG1-ZNQB6	0.2W 4014 SummerLED White	N/A
PLCC	ASMT-UWB1-ZAAB2	PLCC2,Top Mt,HBWhite	ASMT-UWB1-ZX7B2
PLCC	ASMT-UWB1-ZAAC2	PLCC2,Top Mt,HBWhite	ASMT-UWB1-ZX7C2
PLCC	ASMT-UYBG-ZACH8	PLCC4,MPWR,0.25W,InGaP,WWht,CRI80	ASMS-FWG0-ZMPH6
PLCC	ASMU-LWG0-ZWYDE	0.5W SummerLED White	N/A
PLCC	ASMU-LWG0-ZWYFE	0.5W summerLED White	N/A

Product Family	Part Number	Part Description	Replacement Part
PLCC	QSMA-LWLD-ZEGFE	0.5W White PLCC	N/A
PLCC	QSMA-LWLD-ZFHCE	0.5W White PLCC	N/A
PLCC	QSMA-LYLD-ZEGHE	0.5W White PLCC	N/A
PLCC	QSMS-FWNE-ZNQC6	0.2W 4014 SummerLED White	N/A
SSL	ASMT-AB31-NMP01	Aveon 3W InGaN-SSL1	ASMT-AB31-NNP01