



Product Obsolescence Notification

Issue Date: 8th January 2009

OBS010809OPD1

Dear Customer,

Avago Technologies regrets to announce the obsolescence of a number of products, which are segregated into the following categories:-

Category 1: No Last Time Buy (LTB)

Category 2: 6 months Last Time Buy (LTB)

Part numbers are listed in the Appendix. Please note that orders for products from Category 2 will be accepted on a non-cancelable, non-returnable basis only. Avago Technologies 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 Avago Technologies 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 Avago Technologies sales representative or authorized distributors.

Optoelectronic Products Division
Avago Technologies

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements.

APPENDIX – Part Number Listings

Category 1: No Last Time Buy (LTB)

Products will be obsoleted immediately on January 8, 2009. There will be no last time buy offered.

Part Number	Part Description	Replacement Part
ASMT-AB00-NKM00	MS AV,1W Blue	ASMT-AB00-NLN00
ASMT-AG00-NRS00	MS AV,1W Green	ASMT-AG00-NST00
ASMT-AN00-NRS00	MS AV,1W NWhite	ASMT-AN00-NST00
ASMT-AW00-NRS00	MS AV,1W CWhite	ASMT-AW00-NST00
ASMT-LR60-500AB	L2 LED Linear Lighting,Red	N/A
ASMT-LW60-350AB	L2 LED Linear Lighting,White	N/A
HLMP-AB61-RU0YY	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB65-TW0ZZ
HLMP-AB61-RU0ZZ	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB65-TW0ZZ
HLMP-AB61-UWCZZ	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB65-TW0ZZ
HLMP-AB86-MQ0ZZ	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB64-TW0ZZ
HLMP-AB87-MQ000	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB65-TW0DD
HLMP-AB90-PQCYY	Lamp,5mm,InGaN,Blue,30X70deg	HLMP-AB64-TW0DD
HLMP-AM61-240ZZ	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM65-240ZZ
HLMP-AM86-TW0ZZ	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM64-140ZZ
HLMP-AM87-TW000	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM65-140DD
HLMP-AM87-TW0DD	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM65-140DD
HLMP-AM90-UVBYY	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM64-24BDD
HLMP-CB12-UVB00	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB14-UVBDD
HLMP-CB15-QT000	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-UX000
HLMP-CB15-QT0DD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-UX0DD
HLMP-CB30-K00DD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RU0DD
HLMP-CB30-M00DD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RU0DD
HLMP-CB30-NRG00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RU000
HLMP-CB30-NRGDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RU0DD
HLMP-CB30-PQC00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSC00
HLMP-CB31-M0000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RU000
HLMP-CB36-QT000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RU000
HLMP-CB36-RSBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSBDD
HLMP-CB37-RSBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RSBZZ
HLMP-CB37-SUBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RUBZZ
HLMP-CE11-X10DD	Lamp,5mm,InGaN,Cyan,15deg	N/A
HLMP-CE12-X1000	Lamp,5mm,InGaN,Cyan,15deg	N/A
HLMP-CE12-X1Q00	Lamp,5mm,InGaN,Cyan,15deg	N/A
HLMP-CE16-UXQ00	Lamp,5mm,InGaN,Cyan,15deg	N/A
HLMP-CE16-WZB00	Lamp,5mm,InGaN,Cyan,15deg	N/A
HLMP-CE23-UXC00	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE23-UXQ00	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE26-VWBDD	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE26-WZ000	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE27-WZ000	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE27-WZ0DD	Lamp,5mm,InGaN,Cyan,23deg	N/A
HLMP-CE30-SVQ00	Lamp,5mm,InGaN,Cyan,30deg	N/A
HLMP-CE31-SVC00	Lamp,5mm,InGaN,Cyan,30deg	N/A
HLMP-CE37-WZ000	Lamp,5mm,InGaN,Cyan,30deg	N/A
HLMP-CE37-WZ0DD	Lamp,5mm,InGaN,Cyan,30deg	N/A
HLMP-CM15-S00DD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z30DD
HLMP-CM15-VY000	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z3000

Part Number	Part Description	Replacement Part
HLMP-CM15-WXB00	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z1B00
HLMP-CM16-VY000	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM14-Z3000
HLMP-CM26-YZCDD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM22-YZCDD
HLMP-CM30-TW000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM34-X1000
HLMP-CM31-M0000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-X1000
HLMP-CM31-M00DD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-X10DD
HLMP-CM37-X1000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-X1000
HLMP-CW11-YZ000	Lamp,5mm,InGaN,White,15deg	N/A
HLMP-CW11-YZ200	Lamp,5mm,InGaN,White,15deg	N/A
HLMP-CW12-X1000	Lamp,5mm,InGaN,White,15deg	N/A
HLMP-CW15-VYG00	Lamp,5mm,InGaN,White,15deg	N/A
HLMP-CW23-SV000	Lamp,5mm,InGaN White,23deg	N/A
HLMP-CW23-SV0DD	Lamp,5mm,InGaN White,23deg	N/A
HLMP-CW23-TW000	Lamp,5mm,InGaN White,23deg	N/A
HLMP-CW24-SV000	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW24-TW000	Lamp,5mm,InGaN White,70deg	N/A
HLMP-CW26-VY000	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW26-VY0DD	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW26-WX0DD	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW27-VY000	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW27-WX000	Lamp,5mm,InGaN,White,23deg	N/A
HLMP-CW30-SV0DD	Lamp,5mm,InGaN White,30deg	N/A
HLMP-CW31-M0000	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW31-PS000	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW31-SV000	Lamp,5mm,InGaN White,30deg	N/A
HLMP-CW36-UX0DD	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW36-VW0DD	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW36-VWBDD	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW37-UX000	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW37-UX0DD	Lamp,5mm,InGaN,White,30deg	N/A
HLMP-CW46-ST000	Lamp,5mm,InGaN,White,50deg	N/A
HLMP-CW47-RU000	Lamp,5mm,InGaN,White,50deg	N/A
HLMP-CW47-STBDD	Lamp,5mm,InGaN,White,50deg	N/A
HLMP-CW70-LP000	Lamp,5mm,InGaN White,70deg	N/A
HLMP-CW70-LP0DD	Lamp,5mm,InGaN White,70deg	N/A
HLMP-CW72-LP000	Lamp,5mm,InGaN White,70deg	N/A
HLMP-CW72-LP0DD	Lamp,5mm,InGaN White,70deg	N/A
HLMP-CW76-QT000	Lamp,5mm,InGaN,White,70deg	N/A
HLMP-CW76-RS0DD	Lamp,5mm,InGaN,White,70deg	N/A
HLMP-FW00-JM000	Lamp,5mm,Flat Top,InGaN,White	N/A
HLMP-FW66-MQ000	Lamp,5mm,InGaN,White,Flat Top	N/A
HLMP-FW66-NPBDD	Lamp,5mm,InGaN,White,Flat Top	N/A
HLMP-FW67-MQ000	Lamp,5mm,InGaN,White,Flat Top	N/A
HLMP-HB57-LP000	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0DD
HLMP-HM56-SV0DD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM64-12CDD
HLMP-LM11-NR000	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y3000
HLMP-LM11-QRCDD	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y30DD
HSMB-A100-J00J1	PLCC2,Top Mt,GaN,Blue	N/A
HSMB-A100-J70J2	PLCC2,Top Mt,GaN,Blue	N/A
HSMB-A100-K80J2	PLCC2,Top Mt,GaN,Blue	N/A
HSMB-A100-K8ZJ2	PLCC2,Top Mt,GaN,Blue	N/A
HSMF-A227-A00J1	PLCC4,Top Mt,Biclr,Red/Blue	N/A
HSMF-A228-A00J1	PLCC4,Top Mt,Biclr,Amb/Blue	N/A
HSMF-A301-A00J1	PLCC4,Top Mt,Triclr,Red/YGm/Blue	N/A

Part Number	Part Description	Replacement Part
HSMF-A331-A00J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	N/A
HSMF-A332-096J1	PLCC4,Top Mt,Triclr,ROrg/Grn/Blue	N/A
HSMF-A332-A00J1	PLCC4,Top Mt,Triclr,ROrg/Grn/Blue	N/A
QLMP-AB84-WW3DU	Lamp,5mm,InGaP,Blue,30X70deg	QLMP-AB88-VV2DU
QLMP-CM81-WXCDD	Lamp,5mm,InGaP,Grn,30deg	HLMP-CM35-XYCDD
QLMP-CW97-SVPDD	Lamp,5mm,InGaP White,23deg	N/A
QSMB-A148-K7JJ2	PLCC2,Top Mt,GaN,Blue	N/A
QSMT-QTB2-0A372	PLCC4,PWR,T/Mt,Silicone RGB	ASMT-QTB0-0AA02
QSMT-QTB2-0S372	PLCC4,PWR,T/Mt,Silicone RGB	ASMT-QTB0-0AA02

Category 2: 6 Months LTB

- Final customer order date by June 30, 2009
- Final ship date to customers by January 31st, 2010

Part Number	Part Description	Replacement Part
ASMC-PRB9-TV305	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	ASMC-PRB9-TV605
ASMC-PRB9-TV805	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	ASMC-PRB9-TV605
ASMT-LR60-250AB	L2 LED Linear Lighting,Red	N/A
ASMT-QWB2-NEF0E	PLCC4,MPWR,T/Mt,0.5W,InGaP,CWht	ASMT-QWBE-NFH0E
HDSP-315Y-KMP00	S4,0.4in,Slim Font,Yel,CA	N/A
HEMT-3301	Lamp,5mm,Emitter,Red	N/A
HLMA-KL05-I0000	Lamp,3mm,AlInGaP,Amb	N/A
HLMA-QF00-S0011	Poly,Dome,AlInGaP,Red,GW,T/R	HLMT-QG00-T0011
HLMF-K200#2UN	Lamp,3mm,Auto insert,GaP,HER	HLMF-K200#2UK
HLMF-K205#2UL	Lamp,3mm,Auto insert,GaP,HER	HLMF-K205#2UN
HLMF-K305#2CA	Lamp,3mm,Auto insert,GaP,Yel	HLMF-K305
HLMF-K305#2UL	Lamp,3mm,Auto insert,GaP,Yel	HLMF-K305
HLMF-K400-FH0UL	Lamp,3mm,Auto insert,GaP,Org	HLMF-K400#2UL
HLMF-K505#2CA	Lamp,3mm,Auto insert,GaP,Grn	HLMF-K505#2CD
HLMF-K505#2UM	Lamp,3mm,Auto insert,GaP,Grn	HLMF-K505#2UK
HLMF-KG02-N00UM	Lamp,3mm,45deg,AlInGaP,626nm Red	HLMF-KG02#2CA
HLMF-KG02-N00UN	Lamp,3mm,45deg,AlInGaP,626nm Red	HLMF-KG02#2CA
HLMP-1700-BC002	Lamp,3mm,LC,GaP,Red	HLMP-1700-B0002
HLMP-1721	Lamp,3mm,LC,GaP,Grn	HLMP-1790
HLMP-2323	L-Bar,.4inL X .195in W,HER	HLMP-2300
HLMP-3416-IJ000	Lamp,5mm,GaP,Yel	HLMP-3416
HLMP-3557	Lamp,5mm,GaP,Grn	HLMP-3301
HLMP-6625	Poly,Dome,RLED,GaP,HER	HLMP-6620
HLMP-6825	Poly,Dome,RLED,GaP,Grn	HLMP-6820
HLMP-7001	Poly,Dome,LC,GaP,HER	HLMP-7000
HLMP-AD06-P00DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD06-PQ0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD06-RS0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD06-RSTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-RS000	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-RS0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-ST000	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD31-UX000	Lamp,5mm,Mid-Pwr,Red2,30X70deg	HLMP-AG65-X10DD
HLMP-AD60-XYTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD61-X10ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD61-X1TYY	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD

Part Number	Part Description	Replacement Part
HLMP-AD85-RU000	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-RU000	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-RU0YY	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-RUTYY	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-RUTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-STTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD90-ST0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AG01-M00DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AL01-L00DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL63-U00DD
HLMP-AL01-N00DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL63-U00DD
HLMP-AL01-PQKDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL63-U00DD
HLMP-AM87-TW0DD	Lamp,5mm,InGaN,Grn,30X70deg	HLMP-AM65-140DD
HLMP-BD16-RU0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-BD16-RUTYY	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-BG01-MN0DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-HG65-VY0DD
HLMP-BH16-QT0DD	Lamp,5mm,AlInGaP2,RedOrg,30X70deg	HLMP-AH63-X10DD
HLMP-BJ11-M00DD	Lamp,5mm,AlInGaP,Org,30X70deg	HLMP-AH63-X10DD
HLMP-BL11-KN0DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-HL63-TX0DD
HLMP-BL11-KN0ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-HL63-TX0DD
HLMP-BL11-NR000	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL63-U00DD
HLMP-D101-J00DD	Lamp,5mm,AlGaAs	HLMP-D101-J0002
HLMP-DL50	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EG12-VY0DD
HLMP-ED16-S0000	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG12-UX0DD
HLMP-ED16-S00DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG12-VY0DD
HLMP-ED16-UXT00	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG12-UX0DD
HLMP-ED16-V0TDD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG12-VY0DD
HLMP-ED16-VXT00	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG12-UX0DD
HLMP-ED18-S0000	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-UX0DD
HLMP-ED18-TW0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-VY0DD
HLMP-ED18-UXT00	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-UX0DD
HLMP-ED18-VYT00	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-UX0DD
HLMP-ED18-WXTDD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-VY0DD
HLMP-ED25-R0000	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-UX0DD
HLMP-ED27-TUTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG23-UX0DD
HLMP-ED27-TVTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG23-UX0DD
HLMP-ED27-TWT00	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG23-UX0DD
HLMP-ED31-Q0T00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-QTT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-QTTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG23-UX0DD
HLMP-ED31-RUT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-ST0DD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-SUT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-TV0DD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-UWT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-VYT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED33-Q0000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-QT0ZZ	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-RUT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-SV0ZZ	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-TUTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-TW0DD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-UWT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED54-LPTDD	Lamp,5mm,AlInGaP2,Red,55deg	HLMP-ED57-PST00

Part Number	Part Description	Replacement Part
HLMP-ED57-LPT00	Lamp,5mm,AlInGaP2,Red,55deg	HLMP-ED57-PST00
HLMP-EG17-N0000	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG12-VY0DD
HLMP-EG17-QT000	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG12-VY0DD
HLMP-EG17-SV000	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG12-VY0DD
HLMP-EG24-PQ0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG22-UX0DD
HLMP-EG24-PS002	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG22-UX0DD
HLMP-EG24-PS0YY	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG23-UX0DD
HLMP-EG24-RS0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG22-UX0DD
HLMP-EG24-SV000	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG23-UX0DD
HLMP-EG26-M0000	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG23-UX0DD
HLMP-EG26-RU000	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG23-UX0DD
HLMP-EG30-K0000	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG35-TW0DD
HLMP-EG30-PQ0DU	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG35-TW0DD
HLMP-EG32-K0000	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG37-TW0DD
HLMP-EG32-MQ000	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG37-TW0DD
HLMP-EG32-NR0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG37-TW0DD
HLMP-EG32-PS000	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG37-TW0DD
HLMP-EG32-RU0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG37-TW0DD
HLMP-EH15-UX000	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH12-VY0DD
HLMP-EH16-VX0DD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH12-VY0DD
HLMP-EH17-TW000	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH12-VY0DD
HLMP-EH17-UX000	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH13-VY0DD
HLMP-EH18-UX0DD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH13-VY0DD
HLMP-EH18-WX0DD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH13-VY0DD
HLMP-EH24-RU0DD	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH24-SV000	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH24-SV0DD	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH25-QT000	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH25-TW0DD	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH25-WZTDD	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH22-TW0DD
HLMP-EH26-PS002	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH23-TW0DD
HLMP-EH30-QT000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH35-SV0DD
HLMP-EH30-RU000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH35-SV0DD
HLMP-EH31-SVTDD	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH35-SV0DD
HLMP-EH31-UVZDD	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH35-SV0DD
HLMP-EH31-VW0DD	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH35-SV0DD
HLMP-EH32-MQ000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EH32-NR0DD	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EH32-QT000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EH32-RU000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EH57-LP000	Lamp,5mm,AlInGaP2,RedOrg,55deg	HLMP-EH35-UV000
HLMP-EL15-RSKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-RU000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-TW000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-TWK00	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-TWKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-UX200	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-UX2DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-UX400	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-VW2DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-VW400	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-VW4DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-VWKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD

Part Number	Part Description	Replacement Part
HLMP-EL15-VYKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL15-WZKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL17-SV000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL13-VY0DD
HLMP-EL17-TV4DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL13-VY0DD
HLMP-EL17-TW000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL13-VY0DD
HLMP-EL17-VW400	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL13-VY0DD
HLMP-EL24-L0000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-MQ000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-PSA00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-PSKZZ	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-QTK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-RU000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-RUK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-STKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-SUK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-SV000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-SV2DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-SVK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL24-TWK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL25-TWR00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL25-TWSD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL26-L0000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL26-RU000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL26-SV000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL26-SV0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL26-TW000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL26-TW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL30-PS0DU	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG35-TW0DD
HLMP-EL30-ST0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG35-TW0DD
HLMP-EL30-SU400	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG35-TW0DD
HLMP-EL30-SU4DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG35-TW0DD
HLMP-EL30-SVK00	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG35-TW0DD
HLMP-EL32-K0000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-NR000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-PS002	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-QT000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-QT0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-RU0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL32-SV000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EG37-TW0DD
HLMP-EL33-SVRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0DD
HLMP-EL57-MNYDD	Lamp,5mm,AlInGaP2,Amb,55deg	HLMP-EL57-NRR00
HLMP-GL32-P0002	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL37-TW0DD
HLMP-HD55-NR0YY	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD55-NRTYY	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD55-NRTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD56-PQTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-MN000	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-MNT00	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-MNTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NP000	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NP0DD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NP0ZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NPT00	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD

Part Number	Part Description	Replacement Part
HLMP-HD57-NPTDU	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NRTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NRTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-PQ000	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-PQ0DD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-PQ0ZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD61-TWTYY	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HG54-JK0DD	Lamp,5mm,AlInGaP,Red,40X110deg	HLMP-HG65-VY0DD
HLMP-HG54-JK0DU	Lamp,5mm,AlInGaP,Red,40X110deg	HLMP-HG65-VY0DD
HLMP-HH56-NPTDD	Lamp,5mm,AlInGaP2,RedOrg,40x100deg	HLMP-HH63-TX0DD
HLMP-HH56-PQTDD	Lamp,5mm,AlInGaP2,RedOrg,40x100deg	HLMP-HH63-TX0DD
HLMP-HL54-LMKDD	Lamp,5mm,AlInGaP,Amb,40X110deg	HLMP-HL62-UVLDU
HLMP-HL54-LMKDU	Lamp,5mm,AlInGaP,Amb,40X110deg	HLMP-HL62-UVLDU
HLMP-HL55-LMKDD	Lamp,5mm,AlInGaP,Amb,40X110deg	HLMP-HL63-TX0DD
HLMP-HL55-MQ000	Lamp,5mm,AlInGaP,Amb,40X110deg	HLMP-HL63-TX0DD
HLMP-K644	Lamp,3mm,Gap,E-Grn	HLMP-K640
HLMP-LD15-MNTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-MQT00	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-MQTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-MQTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-NPTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-NRTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-PQTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD61-SWTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LH11-KL0DD	Lamp,4mm,AlInGaP,RedOrg,50X100deg	HLMP-HH63-TX0DD
HLMP-LL11-KN000	Lamp,4mm,AlInGaP,Amb,50X100deg	HLMP-RL20-MP0DD
HLMP-LL11-KN0DD	Lamp,4mm,AlInGaP,Amb,50X100deg	HLMP-RL20-MP0DD
HLMP-LL11-MQ000	Lamp,4mm,AlInGaP,Amb,50X100deg	HLMP-RL20-MP0DD
HLMP-LL41-N00DD	Lamp,4mm,AlInGaP,Amb,35X85deg	HLMP-RL20-MP0DD
HLMP-MD16-MQT00	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-ML11-KL0DD	Lamp,4mm,AlInGap,Amb,50X100deg	HLMP-SL20-MP0DD
HLMP-ML11-M0000	Lamp,4mm,AlInGap,Amb,50X100deg	HLMP-SL20-MP0DD
HLMP-ML11-M00DD	Lamp,4mm,AlInGap,Amb,50X100deg	HLMP-SL20-MP0DD
HLMP-NG05-L00UL	Lamp,3mm,45deg,AlInGaP,626nm Red	HLMP-NG05
HLMP-NG07-L00DD	Lamp,3mm,60deg,AlInGaP,626nm Red	HLMP-NG07-L0002
HLMP-NL06-L00DD	Lamp,3mm,60deg,AlInGaP,590nm Amb	HLMP-NL06#002
HLMP-NS30-J00US	Lamp,3mm,Autoinsert,InGaN,470nmBlue	HLMP-NS30-J0000
HLMP-NS31-J0000	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-J0000
HLMP-NS31-J00US	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-J0000
HLMP-NS31-KM000	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-J0000
HLMP-PB00-QRC11	Poly,Ftop,InGaN,Blue,GW,T/R	N/A
HLMP-PB00-QRC14	Poly,Ftop,InGaN,Blue,GW,T/R	N/A
HLMP-PM00-TUC14	Poly,Ftop,InGaN,Grn,GW,T/R	HLMP-PM00-TUC11
HLMP-QB00-TU000	Poly,Dome,InGaN,Blue	HLMP-QB00-S0000
HLMP-QB00-TU011	Poly,Dome,InGaN,Blue,GW,T/R	HLMP-QB00-S0011
HLMP-RD11-J0000	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-HG65-VY0DD
HLMP-RD11-LN0DD	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-VY0DD
HLMP-RD11-LP0DD	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-VY0DD
HLMP-RD11-LPT00	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-HG65-VY0DD
HLMP-RG10-JM000	Lamp,4mm,AlInGaP,Red,60X120deg	HLMP-HG65-VY0DD
HLMP-RL10-LMLDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-RL20-MP0DD
HLMP-RL10-MQLDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-RL20-MP0DD
HLMP-SD11-LPT00	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-HG65-VY0DD

Part Number	Part Description	Replacement Part
HLMP-SD11-LPTDD	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-VY0DD
HLMP-SD11-MN0DD	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-VY0DD
HLMP-SD11-MNTDD	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-VY0DD
HLMP-SG10-JM000	Lamp,4mm,AlInGaP,Red,60X120deg	HLMP-HG65-VY0DD
HLMP-SG10-JM0DD	Lamp,4mm,AlInGaP,Red,60X120deg	HLMP-HG65-VY0DD
HLMP-SL10-LP000	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
HLMP-SL10-LP0DD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
HLMP-SL10-LPKDU	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
HLMP-SL10-MQ0DD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
HLMT-PL01-R0T11	Poly,Ftop,AlInGaP2,Yel,GW,T/R	HLMA-PL00-QRX11
HLMT-QH01-WX011	Poly,Dome,AlInGaP2,RedOrg,GW,T/R	HLMT-QH00-WX011
HLMT-QL01-T0024	Poly,Dome,AlInGaP2,Yel,Yoke,T/R	HLMT-QL00-T0021
HSMA-A100-Q70J1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A100-Q35J1
HSMA-A100-Q7WJ1	PLCC2,Top Mt,AlInGaP,Amber	HSMA-A100-Q6WJ1
HSMA-A100-Q83J1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A100-Q3YJ1
HSMA-A100-R65H1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A100-Q00H1
HSMA-A100-R7WJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A100-Q6WJ1
HSMA-A100-R7YJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A100-Q3YJ1
HSMA-A101-S0NJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A101-S3WJ1
HSMA-A101-S6WJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A101-S3WJ1
HSMA-A101-S7WJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A101-S70J1
HSMA-A160-Q6YJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A160-Q00J1
HSMA-A160-Q9YJ1	PLCC2,Top Mt,Black,AlInGaP,Amb	HSMA-A160-Q00J1
HSMA-A170-R7WJ1	PLCC2,TMt,Blk NTint,AlInGaP,Amb	N/A
HSMA-A411-U45M1	PLCC4,PWR,T/Mt,B,120VA,AlInGaP,Amb	HSMA-A411-U4PM1
HSMC-A100-K40L2	PLCC2,Top Mt,AlInGaP,Grn	HSMC-A100-P30J1
HSMC-A100-Q80J1	PLCC2,Top Mt,AlInGaP,Red	HSMC-A100-Q70J1
HSMC-A160-Q60J1	PLCC2,Top Mt,AlInGaP,Red	HSMC-A160-Q00J1
HSMC-A160-Q90J1	PLCC2,Top Mt,Black,AlInGaP,Amb	HSMC-A160-Q00J1
HSME-A100-J01J1	PLCC2,Top Mt,AlInGaP,Grn	HSME-A100-L01J1
HSME-A100-J4TL2	PLCC2,Top Mt,AlInGaP,Grn	N/A
HSME-A100-M01J1	PLCC2,Top Mt,AlInGaP,Grn	HSME-A100-M02J1
HSME-A160-N82J1	PLCC2,Top Mt,Black,AlInGaP,Grn	N/A
HSMF-A201-F00J1	PLCC4,Top Mt,Biclr,HER/Y Grn	HSMF-A201-A00J1
HSMF-A206-F00J1	PLCC4,Top Mt,Biclr,Yel/Y Grn	HSMF-A206-A00J1
HSMF-A215-VM0J1	PLCC4,Top Mt,Biclr,Red/YGrn	N/A
HSMF-A236-BBBJ1	PLCC4,Top Mt, Biclr,Orange/Blue	N/A
HSMF-A236-BMBJ1	PLCC4,Top Mt, Biclr,Orange/Blue	N/A
HSMF-A255-A00J1	PLCC4,Top Mt,Biclr,HER/Grn	N/A
HSMF-A255-HZMJ1	PLCC4,Top Mt,Biclr,HER/Grn	N/A
HSMF-A255-MZ0J1	PLCC4,Top Mt,Biclr,HER/Grn	N/A
HSMF-A341-A02J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	HSMF-A341-A00J1
HSMF-A342-097J1	PLCC4,Top Mt,Triclr,ROrg/Grn/Blue	HSMF-A341-A00J1
HSMF-A353-A00J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	N/A
HSMF-A353-G33J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	N/A
HSMF-A355-AP0J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	HSMF-A355-G33J1
HSMF-C117-000L5	Chip,Triclr,Red/Grn/Blue	HSMF-C117
HSMF-C118-000L5	Chip,Triclr,Grn/Blue/Red	HSMF-C118
HSMG-C111	Chip,R/angle Mt,GaP,Grn	HSMG-C110
HSMG-C151	Chip,Top Mt,GaP,Grn	HSMG-C150
HSMG-C171	Chip,Top Mt,GaP,Grn	HSMG-C170
HSMG-C191-LLV00	Chip,Top Mt,GaP,Grn	HSMG-C191
HSMG-C192	Chip,Top Mt,GaP,Grn	HSMG-C191

Part Number	Part Description	Replacement Part
HSMG-C690	Chip,Top Mt,Gap,Grn	N/A
HSMH-C111	Chip,R/angle Mt,AlGaAs	HSMH-C110
HSMH-C151	Chip,Top Mt,AlGaAs	HSMH-C150
HSMH-C171	Chip,Top Mt,AlGaAs	HSMH-C170
HSMH-C192	Chip,Top Mt,AlGaAs	HSMH-C191
HSMJ-A100-Q30J1	PLCC2,Top Mt,AlInGaP,Red Org	HSMJ-A100-Q00J1
HSMJ-A401-T80M1	PLCC4,PWR,T/Mt,120VA,AlInGaP,R Org	HSMJ-A401-T40M1
HSMK-A400-S7CM2	PLCC4,PWR,T/Mt,120VA,InGaN,Cyan	HSMK-A400-T80M2
HSML-A100-Q0CJ1	PLCC2,Top Mt,AlInGaP,Org	HSML-A100-Q0YJ1
HSML-A101-R8WJ1	PLCC2,Top Mt,AlInGaP,Org	HSML-A101-S4WJ1
HSML-A101-S0NJ1	PLCC2,Top Mt,AlInGaP,Org	HSML-A101-S40J1
HSMH-A101-S3PH1	PLCC2,Top Mt,InGaN,Grn	HSMH-A101-R00H1
HSMH-A400-T80M2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	HSMH-A400-U4PM2
HSMH-A401-R7YM2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	N/A
HSMH-A401-S70M2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	N/A
HSMH-A431-W50M2	PLCC4,PWR,T/Mt,30VA,InGaN,Grn	N/A
HSMH-C111	Chip,R/angle Mt,InGa,Grn	HSMH-C110
HSMN-A101-P3YJ1	PLCC2,Top Mt,InGaN,Blue	HSMN-A101-P30J1
HSMN-A160-R2WJ1	PLCC2,Top Mt,Black,InGaN,Blue	HSMN-A160-P00J1
HSMN-C151	Chip,Top Mt,InGaN,Blue	HSMN-C150
HSMN-C171	Chip,Top Mt,InGaN,Blue	HSMN-C170
HSMN-C198	Chip,Top Mt,InGaN,Blue	HSMN-C197
HSMR-C110-KMPL5	Chip,R/angle Mt,InGaN,Blue	HSMR-C110
HSMR-C120-KMPL5	Chip,R/angle Mt,InGaN,Blue	HSMR-C120
HSMR-C191-K00L5	Chip,Top Mt,InGaN,Blue	HSMR-C191
HSMR-C191-KMPL5	Chip,Top Mt,InGaN,Blue	HSMR-C191
HSMR-C191-L00L5	Chip,Top Mt,InGaN,Blue	HSMR-C191
HSMR-C191-LMPL5	Chip,Top Mt, InGaN,Blue	HSMR-C191
HSMS-C151	Chip,Top Mt,HER	HSMS-C150
HSMW-A400-T00M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	HSMW-A400-U00M2
HSMW-A400-T70M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	HSMW-A400-U00M2
HSMW-C192	Chip,Top Mt,White	HSMW-C191
HSMY-C111	Chip,R/angle Mt,GaP,Yel	HSMY-C110
HSMY-C151	Chip,Top Mt,GaP,Yel	HSMY-C150
HSMY-C171	Chip,Top Mt,GaP,Yel	HSMY-C170
HSMY-C177-00004	Chip,Top Mt,GaP,Yel	HSMY-C177
HSMY-C192	Chip,Top Mt,GaP,Yel	HSMY-C191
QDSM-584G	S4,Module,0.56S,PCB,Connector	N/A
QDSM-590G	Module,0.39in,3Digit,Grn,CA	N/A
QDSM-595G	Module,0.39in,3Digit,Grn,CA	N/A
QDSM-597Z	Module,115mm,3 Dgts,Multiclr,CA	N/A
QDSP-G545	S4,0.4D,Grn,CA	HDSP-G501
QDSP-S021	S4,Set of .56S Grn CA/.56D Grn CA	N/A
QDSP-U493	S4,0.3UM,Org,CA,T/S Black	HDSP-U411
QEMT-3339	Lamp,5mm,940nm Emitter	N/A
QLCP-A146	L-Bar,.4inL X .195inW,AlGaAs	HLCP-A100-BD000
QLCP-B248	L-Bar,.8inL X .195inW,Red	HLMP-2366
QLCP-M089	L-Bar,Array,Multiclr,Yel/Grn	N/A
QLMA-PL47-NP011	Poly,Ftop,AlInGaP,Yel,GW,T/R	HLMA-PL00-N0011
QLMA-PL47-NP014	Poly,Ftop,AlInGaP,Yel,GW,T/R	HLMA-PL00-N0011
QLMA-QH45-CE031	Poly,Dome,AlInGaP,RedOrg,Z,T/R	HLMA-QH00-S0031
QLMB-K401	Lamp,3mm,Auto insert,GaP,Org	HLMF-K400#2UL
QLMC-P011-UVB11	Poly,Dome,AlInGaP,Yel,GW,T/R	HLMA-QL00-UWB11

Part Number	Part Description	Replacement Part
QLMJ-A017-F00UR	Lamp,5mm,GaP,Grn	HLMP-3507
QLMP-1389	Lamp,3mm,GaP,Red	HLMP-1340
QLMP-1468	Lamp,3mm,GaP,Yel	HLMP-1401
QLMP-2389	L-Bar,.8inL X .195inW,Red,SpcShear	N/A
QLMP-2447	L-Bar,.4inL X .195inW,Yel,SpcShear	N/A
QLMP-2589	L-Bar,.8inL X .195inW,Grn,SpcShear	N/A
QLMP-2632	L-Bar,.8inL X .4inW,HER,SpcShear	N/A
QLMP-2832	L-Bar,.8inL X .4inW,Grn,SpcShear	N/A
QLMP-3475-F0002	Lamp,5mm,L/Dome,GaP,Yel	HLMP-3451
QLMP-3577	Lamp,5mm,GaP,Grn	HLMP-3507
QLMP-3624	Lamp,5mm,5V RLED,GaP,Red	HLMP-3600
QLMP-3674	Lamp,5mm,5V RLED,GaP,Yel	HLMP-3650
QLMP-3727	Lamp,5mm,GaP,Red	HLMP-3750
QLMP-3736-G0000	Lamp,5mm,GaP,Red	HLMP-3301
QLMP-3838	Lamp,5mm,GaP,Yel	HLMP-3401
QLMP-3938	Lamp,5mm,GaP,Grn	HLMP-3507
QLMP-4060	Lamp,5mm,Biclr F/less,YelGrn,Bent	N/A
QLMP-6479	Poly,Dome,GaP,Yel	HLMP-6400
QLMP-6481#011	Poly,Dome,GaP,Yel,GW,T/R	HLMP-6405-J0011
QLMP-6562-NPB24	Poly,Dome,GaP,Grn,Yoke,T/R	HLMP-6505-L0021
QLMP-AD49-P00FE	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD94-SS0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD94-SSTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD94-TT0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD94-TTTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD97-WY0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-C162-N00DD	Lamp,5mm,MINIARC II,25deg,AlGaAs	HLMP-C123-L0002
QLMP-C170-O00DD	Lamp,5mm,MINIARC II,15deg,AlGaAs	HLMP-C115
QLMP-C235-P0K00	Lamp,5mm,590nm,AlInGaP,Amb	HLMP-C225-O0000
QLMP-C349-K00DD	Lamp,5mm,MINIARC II,25deg,GaP,Yel	HLMP-C323
QLMP-C492-MO000	Lamp,5mm,15deg,GaP,Org	HLMP-C415
QLMP-C493-M0GDD	Lamp,5mm,MINIARC II,25deg,GaP,Org	HLMP-C423
QLMP-C494-MO0DD	Lamp,5mm,MINIARC II,15deg,GaP,Org	HLMP-C415
QLMP-C549-L0002	Lamp,5mm,20m,GaP,Grn	HLMP-C515
QLMP-C575-L00Z0	Lamp,5mm,MINIARC II,15deg,GaP,Grn	HLMP-C515
QLMP-C576-L00DD	Lamp,5mm,MINIARC II,15deg,GaP,Grn	HLMP-C515
QLMP-DD99#2DA	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
QLMP-DM49-NP0DD	Lamp,5mm,InGaN,525nm Grn	HLMP-DM25-J0000
QLMP-ED19-TW0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-VY0DD
QLMP-ED56-VV0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-VY0DD
QLMP-ED56-WV0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-VY0DD
QLMP-ED72-VWTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
QLMP-ED77-WXTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
QLMP-ED78-UVTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
QLMP-ED79-UWTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-ED93-UWTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
QLMP-ED95-SU0DD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-ED95-TV0DD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-ED95-UWZDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-ED97-TWPDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-ED99-TVTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG37-TW0DD
QLMP-EH19-UX0DD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH12-VY0DD
QLMP-EH19-VYTDD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH12-VY0DD

Part Number	Part Description	Replacement Part
QLMP-EH29-TW0DD	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH22-TW0DD
QLMP-EH29-UW0DD	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH22-TW0DD
QLMP-EH41-TW0DD	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH35-SV0DD
QLMP-EH51-UXZDD	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH12-VY0DD
QLMP-EH51-UXZZZ	Lamp,5mm,AlInGaP2,RedOrg,15deg	HLMP-EH12-VY0DD
QLMP-EL44-SV0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW0DD
QLMP-G242	Lamp,5mm,F/less,GaP,Red	HLMP-3316
QLMP-HD96-SVTTY	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-HD98-TUTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-HD98-TV0ZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-HD98-TVTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-HD98-UVTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-J284-GH0R3	Lamp,3mm,GaP,Red	HLMP-1301
QLMP-J287-GH0VD	Lamp,3mm,GaP,Red	HLMP-1301
QLMP-J299-JK0DD	Lamp,3mm,GaP,Red	HLMP-1340
QLMP-J346-IJ0TB	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J347	Lamp,3mm,GaP,Yel,Sheared	QLMP-J350
QLMP-J353-IJ0DJ	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J353-IJ0R3	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J353-IJ0R5	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J353-IJ0TB	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J353-IJ0VB	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J356	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J361-IJGFA	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J369-HI000	Lamp,3mm,GaP,Yel	HLMP-1420
QLMP-J380-E0FA1	Lamp,3mm,GaP,Yel	HLMP-1401
QLMP-J383-H0002	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J387-HI000	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J390-HIGDD	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-J555-IJGDD	Lamp,3mm,GaP,Grn	N/A
QLMP-J556	Lamp,3mm,GaP,Grn	N/A
QLMP-K147-HI0FA	Lamp,3mm, AlGaAs	HLMP-K105
QLMP-K163	Lamp,3mm,LC,AlGaAs	HLMP-K155
QLMP-K207-HH000	Lamp,3mm,GaP,Red	N/A
QLMP-K384-HI0FD	Lamp,3mm,GaP,Yel	HLMP-1440
QLMP-K465-JK0FD	Lamp,3mm,GaP,Org	HLMP-K440
QLMP-K467	Lamp,3mm,GaP,Org	HLMP-K401
QLMP-K477-HJ000	Lamp,3mm,GaP,Org	N/A
QLMP-K514-IJB00	Lamp,3mm,GaP,Grn	HLMP-1540
QLMP-K525-IJGDD	Lamp,3mm,GaP,Grn	HLMP-1540
QLMP-K526-D0000	Lamp,3mm,GaP,Grn	HLMP-Y502-F0000
QLMP-K532-D0000	Lamp,3mm,GaP,Grn	HLMP-1503
QLMP-K575	Lamp,3mm,GaP,Grn	HLMP-1503
QLMP-K584-IIGFD	Lamp,3mm,GaP,Grn	HLMP-1540
QLMP-K645-D00FA	Lamp,3mm,GaP E-Grn	HLMP-K640
QLMP-K671-FGNVD	Lamp,3mm,GaP,E-Grn,Bent	HLMP-K640
QLMP-K675-D00Z8	Lamp,3mm,GaP E-Grn,Sheared	HLMP-K600
QLMP-KB49-A0000	Lamp,3mm,InGaN,466nm Blue,Sheared	N/A
QLMP-ML99-MM0DD	Lamp,4mm,AlInGap,Amb,50X100deg	HLMP-SL20-MP0DD
QLMP-ML99-NN0DD	Lamp,4mm,AlInGap,Amb,50X100deg	HLMP-SL20-MP0DD
QLMP-NG99-NO0CD	Lamp,3mm,45deg,AlInGaP,626nm Red	HLMP-NG05
QLMP-NL97	Lamp,3mm,AlInGaP,Amb	N/A
QLMP-P145-L0011	Poly,Ftop,AS AlGaAs,GW,T/R	HLMP-P105

Part Number	Part Description	Replacement Part
QLMP-P146-NP024	Poly,Ftop,AS AlGaAs,Yoke,T/R	QLMP-P146-NP021
QLMP-P189-QR014	Poly,Ftop,TS AlGaAs,GW,T/R	N/A
QLMP-P647-F0011	Poly,Ftop,GaP,Egrn,GW,T/R	HLMP-P605-F0011
QLMP-P648-F0011	Poly,Ftop,GaP,EGrn,GW,T/R	HLMP-P605-F0011
QLMP-P648-FH011	Poly,Ftop,GaP,Egrn,GW,T/R	HLMP-P605-F0011
QLMP-PM49-N0011	Poly,Ftop,InGaN,Grn,GW,T/R	N/A
QLMP-Q130-SU011	Poly,Dome,TS AlGaAs,GW,T/R	N/A
QLMP-Q197-F0011	Poly,Dome,LC,AS AlGaAs,GW,T/R	N/A
QLMP-Q199-JK014	Poly,Dome,LC,TS AlGaAs,GW,T/R	N/A
QLMP-Q199-JK034	Poly,Dome,LC,TS AlGaAs,Z,T/R	N/A
QLMP-Q649-F0011	Poly,Dome,GaP,EGrn,GW,T/R	HLMP-Q605-F0011
QLMP-RL49-LN000	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL20-MP0DD
QLMP-RL99-LPKDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-RL20-MP0DD
QLMP-S257	Lamp,Rect,GaP,Red,Sheared	HLMP-S201
QLMP-S561	Lamp,Rect,GaP,Grn	HLMP-S501
QLMP-SL99-MNLDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
QLMT-PG98-ST011	Poly,Ftop,AlInGaP2,Red,GW,T/R	N/A
QLMT-PH49-ST011	Poly,Ftop,AlInGaP2,RedOrg,GW,T/R	HLMT-PH00-P0011
QLMT-PH98-ST011	Poly,Ftop,AlInGaP2,RedOrg,GW,T/R	HLMT-PH00-P0011
QLMT-PL98-ST011	Poly,Ftop,AlInGaP2,Yel,GW,T/R	HLMT-PL00-P0W11
QLMT-PL98-ST014	Poly,Ftop,AlInGaP2,Yel,GW,T/R	HLMT-PL00-P0W11
QLMT-QG49-WX031	Poly,Dome,AlInGaP2,Red,Z,T/R	N/A
QLMT-QL49-UWR11	Poly,Dome,AlInGaP2,Yel,GW,T/R	HLMA-QL00-UWB11
QSMA-A138-R4NJ1	PLCC2,Top Mt,AlInGaP,Amb	N/A
QSMA-A144-R6WH4	PLCC2,Top Mt,AlInGaP,Amb	N/A
QSMA-A148-R7NJ1	PLCC2,Top Mt,AlInGaP,Amb	N/A
QSMA-A198-T00J1	PLCC2,Top Mt,Black,AlInGaP,Amb	N/A
QSMA-A427-T2WM1	PLCC4,PWR,T/Mt,120VA,AlInGaP,Amb	N/A
QSMA-A428-U85M1	PLCC4,PWR,T/Mt,120VA,AlInGaP,Amb	N/A
QSMA-A447-X4MM1	PLCC4,PWR,T/Mt,30VA,AlInGaP,Amb	N/A
QSMA-A448-Y4PM1	PLCC4,PWR,T/Mt,30VA,AlInGaP,Amb	N/A
QSMA-C124	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C120
QSMA-C127	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C120
QSMA-C128	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C120
QSMA-C129	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C120
QSMA-C188	Chip,Top Mt,AlInGaP,Amb	HSMA-C191
QSMA-C189	Chip,Top Mt,AlInGaP,Amb	HSMA-C190
QSMA-C195	Chip,Top Mt,AlInGaP,Amb	HSMA-C191
QSMC-A139-Q4JJ1	PLCC2,Top Mt,AlInGaP,Red	N/A
QSMC-A149-R70J1	PLCC2,Top Mt,AlInGaP,Red	N/A
QSMC-A168-R70J1	PLCC2,Top Mt,Black,AlInGaP,Red	N/A
QSMC-C126	Chip,R/angle Mt,AlInGaP,Red	HSMC-C120
QSMC-C129	Chip,R/angle Mt,AlInGaP,Red	HSMC-C120
QSMC-C149	Chip,Top Mt,AlInGaP,Red	HSMC-C150
QSMC-C168	Chip,Top Mt,AlInGaP,Red	HSMC-C170
QSMC-C186	Chip,Top Mt,AlInGaP,Red	HSMC-C190
QSMC-C188	Chip,Top Mt,AlInGaP,Red	HSMC-C191
QSMC-C196	Chip,Top Mt,AlInGaP,Red	HSMC-C191
QSMC-C279	Chip,Rev Mt,AlInGaP,Red	HSMC-C265
QSMC-PAB9-TV3C5	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	N/A
QSMC-PAG2-TV005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	N/A
QSMC-PHG2-TW005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	N/A
QSMC-PHV1-TU202	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	N/A

Part Number	Part Description	Replacement Part
QSMC-PRF1-TV305	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	N/A
QSMC-PRG2-TV005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	N/A
QSMD-C109	Chip,R/angle Mt,GaP,Org	HSMD-C110
QSMD-C149	Chip,Top Mt,GaP,Org	HSMD-C150
QSMD-C169	Chip,Top Mt,GaP,Org	HSMD-C170
QSMD-C187	Chip,Top Mt,GaP,Org	HSMD-C190
QSMD-C188	Chip,Top Mt,GaP,Org	HSMD-C191
QSMD-C189	Chip,Top Mt,GaP,Org	HSMD-C190
QSME-C119	Chip,R/angle Mt,AlInGaP,Grn	HSME-C110
QSME-C127	Chip,R/angle Mt,AlInGaP,Grn	HSME-C120
QSME-C165	Chip,Top Mt,AlInGaP,Grn	HSME-C170
QSME-C185	Chip,Top Mt,AlInGaP,Grn	HSME-C197
QSME-C189	Chip,Top Mt,AlInGaP,Grn	HSME-C191
QSME-C267	Chip,Rev Mt,AlInGaP,Grn	HSME-C265
QSMF-A229-5Z9J1	PLCC4,Top Mt,Biclr,Red/Y Grn	N/A
QSMF-A229-SM0J1	PLCC4,Top Mt,Biclr,Red/YelGrn	N/A
QSMF-A244-F00J1	PLCC4,Top Mt,Biclr,Yel/Y Grn	N/A
QSMF-C121	Chip,Triclr,Top Mt,RGB	HSMF-C114
QSMF-C176	Chip,Biclr,Grn/Yel	HSMF-C166
QSMF-C178	Chip,Biclr,Grn/Blue	HSMF-C168
QSMG-A123-K52H2	PLCC2,Top Mt,GaP,Grn	N/A
QSMG-A149-L02J1	PLCC2,Top Mt,GaP,Grn	N/A
QSMG-C109	Chip,R/angle Mt,GaP,Grn	HSMG-C110
QSMG-C129	Chip,R/angle Mt,GaP,Grn	HSMG-C120
QSMG-C149	Chip,Top Mt,GaP,Grn	HSMG-C150
QSMG-C159	Chip,Top Mt,GaP,Grn	HSMG-C150
QSMG-C169	Chip,Top Mt,GaP,Grn	HSMG-C170
QSMG-C188	Chip,Top Mt,GaP,Grn	HSMG-C191
QSMG-C196	Chip,Top Mt,GaP,Grn	HSMG-C191
QSMH-C109	Chip,R/angle Mt,AlGaAs	HSMH-C110
QSMH-C149	Chip,Top Mt,AlGaAs	HSMH-C150
QSMH-C169	Chip,Top Mt,AlGaAs	HSMH-C170
QSMH-C188	Chip,Top Mt,AlGaAs	HSMH-C191
QSMH-C189	Chip,Top Mt,AlGaAs	HSMH-C190
QSML-A125-S2NJ1	PLCC2,Top Mt,AlInGaP,Org	N/A
QSML-A149-R7NJ1	PLCC2,Top Mt,AlInGaP,Org	N/A
QSML-A420-U4PM1	PLCC4,PWR,T/Mt,120VA,AlInGaP,Org	N/A
QSML-C109	Chip,R/angle Mt,AlInGaP,Org	HSML-C110
QSML-C169	Chip,Top Mt,AlInGaP,Org	HSML-C170
QSML-C185	Chip,Top Mt,AlInGaP,Org	HSML-C197
QSML-C188	Chip,Top Mt,AlInGaP,Org	HSML-C191
QSML-C189	Chip,Top Mt,AlInGaP,Org	HSML-C190
QSMM-A144-S00J1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A146-R3PJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A155-S4PJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A168-S8WJ1	PLCC2,Top Mt,Black,InGaN,Grn	N/A
QSMN-A123-P00J1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A149-Q7YJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A168-P8YJ1	PLCC2,Top Mt,Black,InGaN,Blue	N/A
QSMN-A423-S4PM2	PLCC4,PWR,T/Mt,120VA,InGaN,Blue	N/A
QSMN-A498-Q9YM2	PLCC4,PWR,T/Mt,120VA,InGaN,Blue	N/A
QSMN-C127	Chip,R/angle Mt,InGaN,Blue	HSMN-C120
QSMN-C180-LMQL5	Chip,Top Mt,InGaN,Blue	HSMN-C191

Part Number	Part Description	Replacement Part
QSMN-C187	Chip, Top Mt, InGaN, Blue	HSMN-C191
QSMN-C188	Chip, Top Mt, InGaN, Blue	HSMN-C191
QSMQ-C109	Chip, R/angle Mt, InGa, Grn	HSMQ-C110
QSMQ-C149	Chip, Top Mt, InGaN, Grn	HSMQ-C150
QSMQ-C188	Chip, Top Mt, InGaN, Grn	HSMQ-C191
QSMQ-C189	Chip, Top Mt, InGaN, Grn	HSMQ-C190
QSMR-C109	Chip, R/angle Mt, InGaN, Blue	HSMR-C110
QSMR-C117	Chip, R/angle Mt, InGaN, Blue	HSMR-C120
QSMR-C119	Chip, R/angle Mt, InGaN, Blue	HSMR-C120
QSMR-C122	Chip, R/angle Mt, InGaN, Blue	HSMR-C120
QSMR-C123	Chip, R/angle Mt, InGaN, Blue	HSMR-C120
QSMR-C134	Chip, Top Mt, InGaN, Blue	HSMR-C130
QSMR-C144	Chip, Top Mt, InGaN, Blue	HSMR-C130
QSMR-C149	Chip, Top Mt, InGaN, Blue	HSMR-C150
QSMR-C161	Chip, Top Mt, InGaN, Blue	HSMR-C197
QSMR-C167	Chip, Top Mt, InGaN, Blue	HSMR-C191
QSMR-C169	Chip, Top Mt, InGaN, Blue	HSMR-C170
QSMR-C172	Chip, Top Mt, InGaN, Blue	HSMR-C170
QSMR-C173	Chip, Top Mt, InGaN, Blue	HSMR-C170
QSMR-C183	Chip, Top Mt, InGaN, Blue	HSMR-C197
QSMR-C185-LMB00	Chip, Top Mt, InGaN, Blue	HSMR-C191
QSMR-C186-LMC00	Chip, Top Mt, InGaN, Blue	HSMR-C191
QSMR-C186-MNB00	Chip, Top Mt, InGaN, Blue	HSMR-C191
QSMR-C186-MNC00	Chip, Top Mt, InGaN, Blue	HSMR-C191
QSMR-C187	Chip, Top Mt, InGaN, Blue	HSMR-C197
QSMR-C189	Chip, Top Mt, InGaN, Blue	HSMR-C190
QSMR-CL26	Chip, LF, Top Mt, InGaN, Blue	HSMR-CL25
QSMS-A123-K20H2	PLCC2, Top Mt, HER	N/A
QSMS-C109	Chip, R/angle Mt, HER	HSMS-C110
QSMS-C149	Chip, Top Mt, HER	HSMS-C150
QSMS-C189	Chip, Top Mt, HER	HSMS-C191
QSMT-FJ13-AFH00	Chip, AFA, Top Mt, AllnGaP, Org	QSMT-FJ13-AFH02
QSMT-FJ17-AFH02	Chip, AFA, Top Mt, AllnGaP, Org	QSMT-FJ17-AFH00
QSMT-FJ18-ADH00	Chip, AFA, Top Mt, AllnGaP, Org	ASMT-FJ10-ADH00
QSMT-FJ19-AFH02	Chip, AFA, Top Mt, AllnGaP, Org	QSMT-FJ19-AFH00
QSMT-FJ20-AFH00	Chip, AFA, Top Mt, AllnGaP, Org	ASMT-FJ10-ADH00
QSMT-FW92-NW000	Chip, 3.3x3.3, Top Mt, White	QSMT-FW8B
QSMT-FW93-NXYH0	Chip, 3.3x3.3, Top Mt, White	QSMT-FW8B
QSMT-LB01	L2 LED Contour Lighting, Blue	N/A
QSMT-LB51-191AB	L2 LED Contour Lighting, Blue	N/A
QSMT-LG51-191AB	L2 LED Contour Lighting, Green	N/A
QSMT-LR51-191AB	L2 LED Contour Lighting, Red	N/A
QSMT-LRB0-225MB	L2 LED Bundle Lighting, Red	N/A
QSMT-LTB0-300MB	L2 LED Bundle Lighting, TRICLR	N/A
QSMT-LTB1-168PB	L2 LED Bundle Lighting, TRICLR	N/A
QSMT-LWB0-225MB	L2 LED Bundle Lighting, White	N/A
QSMU-A148-R00J1	PLCC2, Top Mt, AllnGaP2, Amb	N/A
QSMV-A122-T30J1	PLCC2, Top Mt, AllnGaP2, Red Org	N/A
QSMV-A149-R00J1	PLCC2, Top Mt, AllnGaP2, Red Org	N/A
QSMV-A427-W30M1	PLCC4, PWR, T/Mt, 120VA, AllnGaP2, Rorg	N/A
QSMV-A429-W2JM1	PLCC4, PWR, T/Mt, 120VA, AllnGaP2, Rorg	N/A
QSMW-A120-T30J1	PLCC2, Top Mt, White	N/A
QSMW-A120-T70J1	PLCC2, Top Mt, White	N/A

Part Number	Part Description	Replacement Part
QSMW-A121-T50J1	PLCC2,Top Mt,White	N/A
QSMW-A142-U5QJ1	PLCC2,Top Mt,White	N/A
QSMW-A149-S3MJ1	PLCC2,Top Mt,White	N/A
QSMW-A153-S36J1	PLCC2,Top Mt,White	N/A
QSMW-A155-R80J1	PLCC2,Top Mt,White	N/A
QSMW-A155-U40J1	PLCC2,Top Mt,White	N/A
QSMW-A1W9-R80J1	PLCC2,Top Mt,White	N/A
QSMW-A418-U4MM2	PLCC4,PWR,T/Mt,120VA,InGaN,White	N/A
QSMW-A420-T70M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	N/A
QSMW-C125	Chip,R/angle Mt,InGaN,White	HSMW-C120
QSMW-C128	Chip,R/angle Mt,InGaN,Wh	HSMW-C120
QSMW-C19A	Chip,Top Mt,White	HSMW-C191
QSMW-C361	Chip,SMT R/Angle,InGaN,White	HSMW-C360
QSMW-C362	Chip,SMT R/Angle,InGaN,White	HSMW-C360
QSMY-A123-J35H2	PLCC2,Top Mt,GaP,Yel	N/A
QSMY-C109	Chip,R/angle Mt,GaP,Yel	HSMY-C110
QSMY-C149	Chip,Top Mt,GaP,Yel	HSMY-C150
QSMY-C169	Chip,Top Mt,GaP,Yel	HSMY-C170
QSMY-C188	Chip,Top Mt,GaP,Yel	HSMY-C191