



Product Obsolescence Notification

Issue Date: 1st December 2009

OBS120109OPD1

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: 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. 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 December 1, 2009. There will be no last time buy offered.

Part Number	Part Description	Replacement Part
HLMP-AD06-NSTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-AD06-STTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-AD16-P0002	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-QTTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-RS0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-RSTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD16-ST0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD60-X1TZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-AD60-Z1TZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-Z10DD
HLMP-AD61-Y1TDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD61-YZTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AD87-RU0ZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-AL16-RSKDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZ0DD
HLMP-AL16-RSRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZ0DD
HLMP-BD06-L00DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-BD16-RUTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-BD16-ST0DD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-ED16-UX0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG13-UX0DD
HLMP-ED25-TWT00	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-UX000
HLMP-ED25-TWTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-UX0DD
HLMP-ED25-UXT00	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-UX000
HLMP-ED25-UXTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-UX0DD
HLMP-ED25-VWTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-VW0DD
HLMP-ED25-VXTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG22-VW0DD
HLMP-ED27-SV0DD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2B-XY0DD
HLMP-ED27-TWTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG23-UX0DD
HLMP-ED31-UVT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-UV0DD
HLMP-ED31-UVTZZ	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG35-UV0DD
HLMP-ED33-SVTZZ	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW0DD
HLMP-ED33-TVT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW000
HLMP-ED33-TWT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG37-TW000
HLMP-ED82-QT000	Lamp,5mm,AlInGaP2,Red,23deg	N/A
HLMP-ED82-QTT00	Lamp,5mm,AlInGaP2,Red,23deg	N/A
HLMP-EH27-WZTDD	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH2B-XY0DD
HLMP-EH27-XYT00	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH2B-XY0DD
HLMP-EL18-XYM00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-XYK00
HLMP-EL31-TW0DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TW0DD
HLMP-FD05-LP000	Lamp,5mm,AlInGaP2,Red,85deg	N/A
HLMP-FL05-LP000	Lamp,5mm,AlInGaP2,Amb,85deg	N/A
HLMP-HD55-PQTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NR0DD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-HD57-NR0ZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
HLMP-LD15-NRTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
HLMP-LD15-PQTY Y	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
HLMP-LD63-SWTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
HLMP-LD63-TVTY Y	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD

Part Number	Part Description	Replacement Part
HLMP-LD63-TVTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
HLMP-RD11-LPTDD	Lamp,4mm,AlInGaP2,Red,60X120deg	N/A
HLMP-SD11-MNT00	Lamp,4mm,AlInGaP2,Red,60X120deg	N/A
HSMF-A355-G33J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	HSMF-A353-G3PJ1
HSMM-A400-T8YM2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	HSMM-A400-U4QM2
HSMM-A400-U4WM2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	HSMM-A400-U4QM2
HSMM-A430-W90M2	PLCC4,PWR,T/Mt,30VA,InGaN,Grn	HSMM-A430-X90M2
HSMM-A430-W9PM2	PLCC4,PWR,T/Mt,30VA,InGaN,Grn	HSMM-A430-X9QM2
HSMM-A430-X4PM2	PLCC4,PWR,T/Mt,30VA,InGaN,Grn	HSMM-A430-X9QM2
HSMN-A101-P4YJ1	PLCC2,Top Mt,InGaN,Blue	N/A
HSMN-A430-U50M2	PLCC4,PWR,T/Mt,30VA,InGaN,Blue	HSMN-A430-V50M2
HSMN-A431-T50M2	PLCC4,PWR,T/Mt,30VA,InGaN,Blue	HSMN-A430-V50M2
HSMU-A100-R9PJ1	PLCC2,Top Mt,AlInGaP2,Amb	HSMA-A100-R3PJ1
HSMU-A100-S40J1	PLCC2,Top Mt,AlInGaP2,Amb	HSMA-A101-S00J1
HSMU-A100-S4WJ1	PLCC2,Top Mt,AlInGaP2,Amb	HSMA-A101-S3WJ1
HSMU-A100-T2WJ1	PLCC2,Top Mt,AlInGaP2,Amb	HSMA-A101-T2WJ1
HSMU-A160-S6WJ1	PLCC2,Top Mt,Black,AlInGaP2,Amb	HSMA-A161-S7WJ1
HSMV-A100-S80J1	PLCC2,Top Mt,AlInGaP2,Red Org	HSMJ-A101-S00J1
HSMV-A400-U80M1	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	HSMJ-A401-U40M1
HSMW-A100-T50J1	PLCC2,Top Mt,White	HSMW-A100-U40J1
HSMW-A100-T5PJ1	PLCC2,Top Mt,White	HSMW-A100-U40J1
HSMW-A100-T5YJ1	PLCC2,Top Mt,White	HSMW-A100-U40J1
QLMP-AD83-Y1TZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD89-STTDD	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-AD95-STTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
QLMP-ED85-TVTZZ	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG3B-VW0DD
QLMP-ED86-K0T00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-K0T00
QLMP-ED87-NRT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-NRT00
QLMP-ED87-PST00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
QLMP-ED87-QUT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-QUT00
QLMP-ED87-RST00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
QLMP-ED89	Lamp,5mm,AlInGaP2,Red,23deg	N/A
QLMP-ED95-UVZDD	Lamp,5mm,AlInGaP2,Red,23deg	N/A
QLMP-EH29-VXTDD	Lamp,5mm,AlInGaP2,RedOrg,23deg	N/A
QLMP-EL95-VW0DD	Lamp,5mm,AlInGaP2,Amb,23deg	N/A
QLMP-HD94-PQPDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-WX0DD
QLMP-HD95-TXTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0DD
QLMP-LD89-TTTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	N/A
QLMP-LD91-NRTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
QLMP-LD94-PP0DD	Lamp,4mm,AlInGaP2,Red,50X100deg	N/A
QLMP-LD95-TXTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
QLMP-LD98-NR0ZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
QLMP-LD98-PR0ZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-VY0DD
QSMC-PAG1-TV005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	HSMA-A401-V30M1
QSMC-PAG1-TV3C5	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	HSMA-A401-V30M1
QSMC-PAHS-TV7J5	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	HSMA-A401-V30M1
QSMC-PHG1-TW005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	N/A
QSMC-PHNE-TW005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	N/A
QSMC-PHV1-TW205	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	QSMJ-A4V1-W60M1
QSMC-PHV1-TW305	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Rorg	N/A
QSMC-PRG1-TV005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	HSMC-A401-U80M1
QSMC-PRSD-TV005	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Red	HSMC-A401-U80M1

Part Number	Part Description	Replacement Part
QSMU-A146-T2WJ1	PLCC2,Top Mt,AllnGaP2,Amb	HSMA-A101-T2WJ1
QSMU-A146-T6WJ1	PLCC2,Top Mt,AllnGaP2,Amb	HSMA-A101-T2WJ1
QSMU-A149-R00J1	PLCC2,Top Mt,AllnGaP2,Amb	HSMA-A100-R40J1
QSMU-A196-T7WJ1	PLCC2,Top Mt,Black,AllnGaP2,Amb	HSMA-A101-T2WJ1
QSMU-A413-U85M1	PLCC4,PWR,T/Mt,120VA,AllnGaP2,Amb	HSMA-A401-U80M1
QSMZ-A113-U40J1	PLCC2,Top Mt,AllnGaP2,Red	N/A
QSMZ-A175-S00J1	PLCC2,Top Mt,AllnGaP2,Red	HSMC-A101-S00J1
QSMZ-A413-U80M1	PLCC4,PWR,T/Mt,120VA,AllnGaP2,Red	HSMC-A401-U80M1

Category 2: 3 Months LTB

- Final customer order date by March 31st, 2010
- Final ship date to customers by September 30th, 2010

Part Number	Part Description	Replacement Part
ASMC-PAB9-TV605	PLCC4,PWR,T/Mt,120VA,AllnGaP2,Amb	HSMA-A401-V30M1
ASMC-PRB9-TV605	PLCC4,PWR,T/Mt,120VA,AllnGaP2,Red	HSMC-A401-U80M1
HLMP-AD06-RS0DD	Lamp,5mm,AllnGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-AD06-RSTDD	Lamp,5mm,AllnGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-BD06-RS0DD	Lamp,5mm,AllnGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-BD06-RST00	Lamp,5mm,AllnGaP2,Red,30X70deg	HLMP-AG64-X10DD
HLMP-BD16-P00DD	Lamp,5mm,AllnGaP2,Red,30X70deg	HLMP-AG65-X10DD
HLMP-BL06-N0000	Lamp,5mm,AllnGaP2,Amb,30X70deg	N/A
HLMP-ED31-SVT02	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED31-SVTDD	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG35-TW0DD
HLMP-ED33-TVTD	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG37-UV0DD
HLMP-EH27-XYTDD	Lamp,5mm,AllnGaP2,RedOrg,23deg	HLMP-EH2B-XY0DD
HLMP-HD56-MQ0DD	Lamp,5mm,AllnGaP2,Red,40X100deg	HLMP-HG64-VY0DD
HSMU-A160-R00J1	PLCC2,Top Mt,Black,AllnGaP2,Amb	HSMA-A161-S00J1
HSMU-A430-X90M1	PLCC4,PWR,T/Mt,30VA,AllnGaP2,Amb	HSMA-A431-X90M1
HSMV-A100-R00J1	PLCC2,Top Mt,AllnGaP2,Red Org	HSMJ-A100-R40J1
HSMV-A430-Y90M1	PLCC4,PWR,T/Mt,30VA,AllnGaP2,Rorg	HSMJ-A431-X90M1
HSMZ-A160-S80J1	PLCC2,Top Mt,Black,AllnGaP2,Red	HSMA-A401-V30M1
HSMZ-A160-T00J1	PLCC2,Top Mt,Black,AllnGaP2,Red	HSMC-A161-S00J1
HSMZ-A160-T60J1	PLCC2,Top Mt,Black,AllnGaP2,Red	HSMC-A161-S00J1
HSMZ-A430-X90M1	PLCC4,PWR,T/Mt,30VA,AllnGaP2,Red	HSMC-A431-X90M1
HSMZ-A430-Z40M1	PLCC4,PWR,T/Mt,30VA,AllnGaP2,Red	HSMC-A431-Y80M1
QLMP-ED84-UWTZZ	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG3A-VW0DD
QSMN-A127-N8YJ1	PLCC2,Top Mt,InGaP,Blue	N/A
QSMZ-A134-T70J1	PLCC2,Top Mt,AllnGaP2,Red	QSMC-A134-T70J1

Category 3: 6 Months LTB

- Final customer order date by June 30th, 2010
- Final ship date to customers by December 31st, 2010

Part Number	Part Description	Replacement Part
ASMC-QAB2-TAC0E	PLCC4,MPWR,T/Mt,0.5W,AllnGaP2,Amb	ASMT-QAB2-FDE0E
ASMC-QHB2-TCDD0E	PLCC4,MPWR,T/Mt,0.5W,AllnGaP2,Rorg	ASMT-QHB2-FEF0E
HLMP-ED27-VXTDD	Lamp,5mm,AllnGaP2,Red,23deg	HLMP-EG2B-XY0DD
HLMP-ED31-UV0DD	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG3A-VW0DD
HLMP-ED31-UVTDD	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG3A-VW0DD
HLMP-ED31-UWTDD	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG3A-VW0DD
HLMP-ED33-SVT00	Lamp,5mm,AllnGaP2,Red,30deg	HLMP-EG37-TW000
HLMP-EL57-NRR00	Lamp,5mm,AllnGaP2,Amb,55deg	N/A
HLMP-EL57-NRRDD	Lamp,5mm,AllnGaP2,Amb,55deg	N/A