



Product Obsolescence Notification

Issue Date: 1st July 2009

OBS070109OPD1

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 Last Time Buy (LTB)

Category 3: 6 months Last Time Buy (LTB)

Part numbers are listed in the Appendix. Please note that orders for products from Category 2 and 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 July 1, 2009. There will be no last time buy offered.

Part Number	Part Description	Replacement Part
ADJD-MJ50	RGB LED,Light Strip,Top Emitting	N/A
ADJD-MJ51	RGB LED,Module,T/Emit with cable	N/A
ADJD-MJ60	RGB LED,Light Strip,Side Emitting	N/A
ADJD-MJ61	RGB LED,Module,S/Emit with cable	N/A
ADJD-WM40-NGHA0	MS Strip,12,Cool White	ADJD-WM40-NKKZ0
ASMT-MB00-NAE00	MS 1W, Blue	ASMT-MB00-NDF00
ASMT-MG00-NGJ00	MS 1W, Green	ASMT-MG00-NJK00
ASMT-MW01-NFH00	MS,1W,LC,Cool White	ASMT-MW03-NJK00
ASMT-MW01-NFH01	MS,1W,LC,Cool White	ASMT-MW03-NJK01
ASMT-MW01-NGJZ0	MS Clear,1W,Cool White	ASMT-MW03-NJK00
ASMT-MW01-NHJ00	MS Clear,1W,Cool White	ASMT-MW03-NJK00
ASMT-MW20-NLN00	MS,3W,Cool White	ASMT-MW20-NNN00
ASMT-MW60-NCF00	MS,0.5W,Cool White	ASMT-MW60-NFH00
ASMT-MW60-NFFD0	MS,0.5W,Cool White	ASMT-MW60-NFH00
ASMT-MWB2-NGH00	MS Diff,1W,LC,Cool White	ASMT-MWB3-NJK00
ASMT-MWE0-NLNS0	MS Diff,3W,Cool White	ASMT-MWE0-NMN00
ASMT-MWE0-NLNZ0	MS Diff,3W,Cool White	ASMT-MWE0-NMN00
ASMT-MY01-NFH00	MS,1W,LC,Warm White	ASMT-MY03-NJK00
ASMT-MYB2-NFH00	MS Diff,1W,LC,Warm White	ASMT-MYB3-NJK00
HCMS-2975-HI000	5X7 SmartDisp 8Char .2in,AlGaAs	HCMS-2975-HJ000
HDLO-2416-B0000	5X7 SmartDisp 4Char .2in,Red	N/A
HDSM-569Z	Module,10.5mm,7Digit,Biclr,CA	N/A
HLMP-CM15-WZ0DD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z30DD
HLMP-CM30-UVA00	Lamp,5mm,InGaN,Gm,30deg	HLMP-CM34-WY000
HLMP-CW30-SV000	Lamp,5mm,InGaN White,30deg	N/A
HLMP-ED18-UX0DD	Lamp,5mm,AllnGaP2,Red,15deg	HLMP-EG1B-Z10DD
HLMP-EH16-UX000	Lamp,5mm,AllnGaP2,RedOrg,15deg	HLMP-EH12-VY000
HLMP-EH18-WXTDD	Lamp,5mm,AllnGaP2,RedOrg,15deg	HLMP-EH13-VY0DD
HLMP-EL18-WXRDD	Lamp,5mm,AllnGaP2,Amb,15deg	HLMP-EL1B-Z1KDD
HLMP-HM60-YZCZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-12CZZ
QLMP-ED71-K0T00	Lamp,5mm,AllnGaP2,Red,23deg	N/A
QSMT-MW10-NFGJ1	MS,1W,LC,Cool White	ASMT-MW03-NJK00
QSMT-MW10-NFGQ0	MS,1W,LC,Cool White	ASMT-MW03-NJK00
QSMT-MW11-NGH00	MS,1W,LC,Cool White	QSMT-MW11-NJK00
QSMT-MWB0-NGJ00	MS Diff,1W,LC,Cool White	ASMT-MWB1-NJK00
QSMT-MWB3-NHHJ0	MS Diff,1W,LC,Cool White	QSMT-MWB3-NHJJ0
QSMT-MWB4-NFH11	MS Diff,1W,LC,Cool White	QSMT-MWB4-NJK11

Category 2: 3 Months LTB

- Final customer order date by October 31st, 2009
- Final ship date to customers by April 30th, 2010

Part Number	Part Description	Replacement Part
HLMP-CB13-UVB00	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-UX000
HLMP-CB13-UVBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-VWBDD
HLMP-CB14-UVBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB14-VWBDD
HLMP-CB22-STC00	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB22-SV000
HLMP-CB22-STCDD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB22-SV0DD
HLMP-CB35-QRCDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RSCDD
HLMP-EL10-130DD	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL10-X10DD
QLMP-CB77-UVZDD	Lamp,5mm,InGaN,Blue,15deg	QLMP-CB77-VWZDD
QLMP-ED97-TWP00	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2A-XY0DD

Category 3: 6 Months LTB

- Final customer order date by January 31st, 2010
- Final ship date to customers by July 31st, 2010

Part Number	Part Description	Replacement Part
ADJD-WV00-NAR00	Sensa Strip,12.1,White	N/A
ADJD-WV20-NAR00	Sensa Strip,13.3,White	N/A
ASMT-LB50	L2 LED Contour Lighting,Blue	N/A
ASMT-LB60	L2 LED Linear Lighting,Blue	N/A
ASMT-LG50	L2 LED Contour Lighting,Green	N/A
ASMT-LG60	L2 LED Linear Lighting,Green	N/A
ASMT-LR50	L2 LED Contour Lighting,Red	N/A
ASMT-LR60	L2 LED Linear Lighting,Red	N/A
ASMT-LW00	L2 LED Contour Lighting,White	N/A
ASMT-LW50	L2 LED Contour Lighting,White	N/A
ASMT-MWB1-NGJ00	MS Diff,1W,Cool White	ASMT-MWB1-NJK00
ASMT-MWC1-NGJ00	MS Star Diff,1W,Cool White	ASMT-MWC1-NJK00
ASMT-MY00-NHJW0	MS,1W,Warm White	ASMT-MY00-NJK00
ASMT-MYA0-NHJ00	MS Star,1W,Warm White	ASMT-MYA0-NJK00
ASMT-MYA0-NHJW0	MS Star,1W,Warm White	ASMT-MYA0-NJK00
HDSP-516Y-KLB00	S4,0.56Thin,Yel,CC	HDSP 516Y-KL000
HLMP-0504-CD000	Lamp,Rect,GaP,Grn	HLMP-0504
HLMP-1340-H00VR	Lamp,3mm,GaP,Red	N/A
HLMP-1401-E00FG	Lamp,3mm,GaP,Yel	HLMP-1401
HLMP-1540-H00VR	Lamp,3mm,GaP,Grn	N/A
HLMP-1620-EFB00	Lamp,3mm,5V RLED,GaP,Yel	HLMP-1620
HLMP-1719-AB002	Lamp,3mm,LC,GaP,Yel	HLMP-1719-A0002
HLMP-3301-F00R4	Lamp,5mm,GaP,Red	HLMP-3301
HLMP-3301-FI0UT	Lamp,5mm,GaP,Red	HLMP-3301-FI0UR
HLMP-3807-K0002	Lamp,5mm,GaP,Yel,Standoffs	HLMP-3850-K0002
HLMP-3860	Lamp,5mm,GaP,Yel	HLMP-3850
HLMP-6725	Poly,Dome,RLED,GaP,Yel	HLMP-6720
HLMP-AD61-Y1TZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10ZZ
HLMP-C117	Lamp,5mm,15deg,AsAlGaAs	HLMP-C115
HLMP-D102	Lamp,5mm,AlGaAs	N/A
HLMP-DL51#002	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1A-Z1KDD
HLMP-ED33-TW000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG3B-WX0DD

Part Number	Part Description	Replacement Part
HLMP-ED50-K0T00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-K0T00
HLMP-ED50-PS000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PS000
HLMP-ED50-PST00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
HLMP-ED50-PSTDD	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PSTDD
HLMP-ED80-MQ000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-MQT00
HLMP-EG10-T0000	Lamp,5mm,AlInGaP,Red,8deg	HLMP-EG10-WZ000
HLMP-EH26-SV000	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH23-TW0DD
HLMP-EH33-RU000	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EL10-T0000	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL10-VY000
HLMP-EL15-UX4DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1A-Z1KDD
HLMP-EL17-M0000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1B-Z1KDD
HLMP-EL30-ST4DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3A-VWKDD
HLMP-HD55-NR0ZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0ZZ
HLMP-HD57-NR0YY	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-VY0YY
HLMP-HD60-UVTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-VY0ZZ
HLMP-KB45-A00DD	Lamp,3mm,GaN,466nm Blue	HLMP-KB45-A0002
HLMP-LD15-NRT00	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
HLMP-LD15-NRTYY	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
HLMP-LD61-TXTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0ZZ
HLMP-LD63-RSTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0ZZ
HLMP-LD63-SUTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0ZZ
HLMP-LD63-TUTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0ZZ
HLMP-N505-G0002	Lamp,3mm,GaP,Grn	HLMP-N505-G00DD
HLMP-NS31-LNG00	Lamp,3mmAutoinsert,InGaN,470nmBlue	HLMP-NS30-KM000
HSMA-C170-000TW	Chip,Top Mt,AlInGaP,Amb	HSMA-C170
HSMA-C190-000TW	Chip,Top Mt,AlInGaP,Amb	HSMA-C190
HSMA-C191-000TW	Chip,Top Mt,AlInGaP,Amb	HSMA-C191
HSMC-C170-000TW	Chip,Top Mt,AlInGaP,Red	HSMC-C170
HSMC-C191-000TW	Chip,Top Mt,AlInGaP,Red	HSMC-C191
HSMD-C170-000TW	Chip,Top Mt,GaP,Org	HSMD-C170
HSMD-C190-000TW	Chip,Top Mt,GaP,Org	HSMD-C190
HSMD-C191-000TW	Chip,Top Mt,GaP,Org	HSMD-C191
HSME-C191-000TW	Chip,Top Mt,AlInGaP,Grn	HSME-C191
HSMG-C170-000TW	Chip,Top Mt,GaP,Grn	HSMG-C170
HSMG-C191-000TW	Chip,Top Mt,GaP,Grn	HSMG-C191
HSMH-C191-000TW	Chip,Top Mt,AlGaAs	HSMH-C191
HSML-C190-000TW	Chip,Top Mt,AlInGaP,Org	HSML-C190
HSML-C191-000TW	Chip,Top Mt,AlInGaP,Org	HSML-C191
HSMM-C190-000TW	Chip,Top Mt,InGaN,Grn	HSMM-C190
HSMN-C191-LMYL5	Chip,Top Mt,InGaN,Blue	HSMN-C191
HSMS-C170-000TW	Chip,Top Mt,HER	HSMS-C170
HSMY-C170-000TW	Chip,Top Mt,GaP,Yel	HSMY-C170
HSMY-C191-000TW	Chip,Top Mt,GaP,Yel	HSMY-C191
QCMS-2996	5X7SDisp 7pin,8Char.15in,GaNBlue	N/A
QDSP-496A	Module,0.43in,3Digit AlGaAs Red,CA	QDSP-495A
QDSP-5501	S4,0.56S,HER,CA	HDSP-511E
QDSP-5503	S4,0.56S,HER,CC	HDSP-513E
QDSP-F139	S4,0.4S,AlGaAs,CA	N/A
QLCP-M082	L-Bar,Array,Multiclr,Red/Yel/Grn	N/A
QLMA-QH45-CD031	Poly,Dome,AlInGaP,RedOrg,Z,T/R	HLMA-QH00
QLMP-3358-F00B2	Lamp,5mm,Gap Red,HSE	HLMP-3301-F00B2
QLMP-3479-EF000	Lamp,5mm,GaP,Yel	HLMP-3401-EF000
QLMP-3579-EH000	Lamp,5mm,GaP	HLMP-3507-EH000

Part Number	Part Description	Replacement Part
QLMP-3580-D00B2	Lamp,5mm,Gap Red,HSE	HLMP-3507-D00B2
QLMP-3738-FG000	Lamp,5mm,GaP,Red	HLMP-3301-FG000
QLMP-6523	Poly,Dome,GaP,Grn	HLMP-6505
QLMP-AD93-XZPZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	N/A
QLMP-EL85-VX4DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL22-VWKDD
QLMP-EL87-T0PDD	Lamp,5mm,AlInGaP,Amb,23deg	N/A
QLMP-G343-K0000	Lamp,5mm,F/less,GaP,Yel	N/A
QLMP-K122	Lamp,3mm,AlGaAs	HLMP-K101
QLMP-LD92-NRPYY	Lamp,4mm,AlInGaP2,Red,50X100deg	N/A
QLMP-LD94-NNTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
QLMP-LD94-PPTDD	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0DD
QLMP-NS98-QT0DD	Lamp,3mmAutoinsert,InGaN,AquaBlue	N/A
QLMT-QG48-W001S	Poly,Dome,AlInGaP2,Red,R/bend	HLMT-QG00-T0000
QSMA-A136-R4WJ1	PLCC2,Top Mt,AlInGaP,Amb	N/A
QSMA-A137-Q43J1	PLCC2,Top Mt,AlInGaP,Amb	N/A
QSMA-A429-U2JM1	PLCC4,PWR,T/Mt,120VA,AlInGaP,Amb	N/A
QSMA-C108	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C110
QSMA-C123	Chip,R/angle Mt,AlInGaP,Amb	HSMA-C120
QSMA-C169	Chip,Top Mt,AlInGaP,Amb	HSMA-C170
QSMC-C169	Chip,Top Mt,AlInGaP,Red	HSMC-C170
QSMD-C267	Chip,Rev Mt,GaP,Org	N/A
QSMF-C009	Chip,Tricolor, Red/Grn/Blue	HSMF-C001
QSMG-C267	Chip,Rev Mt,Gap,Grn	N/A
QSMM-A136-R4PJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A136-T3PJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A436-X3PM2	PLCC4,PWR,T/Mt,30VA,InGaN,Grn	N/A
QSMN-A136-N8YJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A140-Q0JJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A154-Q0JJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A436-U4PM2	PLCC4,PWR,T/Mt,30VA,InGaN,Blue	N/A
QSMR-C145	Chip,Top Mt,InGaN,Blue	HSMR-C130
QSMR-C186-LMB00	Chip,Top Mt,InGaN,Blue	HSMR-C191
QSMT-MWC0-NJJW0	MS,1W,Cool White	ASMT-MWC1-NJK00
QSMT-SWST-NU7P3	PLCC4,PWR,T/Mt,120VA,Ingan,LLWhite	N/A
QSMT-TZBM-NK50B	PLCC2 Mini,Ice Blue	QSMT-TZBM-NL70B
QSMW-A121-T5PJ1	PLCC2,Top Mt,White	N/A
QSMW-C133	Chip,Top Mt, InGaN, White	HSMW-C120
QSMW-C186	Chip,Top Mt,White	HSMW-C191
QSMW-C334	Chip,SMT R/Angle,InGaN,White	HSMW-C333