



Product Obsolescence Notification

Issue Date: 1st September 2009

OBS090109OPD1

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) and Last Time Ship (LTS)

Category 2: 1 Month LTB + 3 Months LTS

Category 3: 3 Months LTB + 6 Months LTS

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) and Last Time Ship (LTS)

Products will be obsoleted immediately on September 1, 2009. There will be no last time buy offered.

Part Number	Part Description	Replacement Part
HDJD-S722-QR999	RGB,COLOR SENSOR	N/A
HLMP-AD90-STTY	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10ZZ
HLMP-AD90-STTZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG64-X10ZZ
HLMP-BD16-QRT00	Lamp,5mm,AlInGaP2,Red,30X70deg	N/A
HLMP-CB11-UVBDD	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB13-VWBDD
HLMP-ED16-UX000	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1A-Z10DD
HLMP-ED16-VX0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1A-Z10DD
HLMP-ED18-TWTDD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1B-Z10DD
HLMP-ED18-UX000	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1B-Z10DD
HLMP-ED25-RU000	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2A-XY0DD
HLMP-ED33-QT000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG3B-WX0DD
HLMP-ED80-KNT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
HLMP-ED80-KP000	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PS000
HLMP-EH27-TW000	Lamp,5mm,AlInGaP2,RedOrg,23deg	HLMP-EH2B-XY0DD
HLMP-EH33-RU000	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH37-SV0DD
HLMP-EH33-SV000	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH3B-WX0DD
HLMP-EH33-SV0DD	Lamp,5mm,AlInGaP2,RedOrg,30deg	HLMP-EH3B-WX0DD
HLMP-EL16-UX000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL1A-Z1KDD
HLMP-EL16-UX0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL1A-Z1KDD
HLMP-EL31-SV0DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL3A-VWKDD
HLMP-EL58-LP0DD	Lamp,5mm,AlInGaP2,Amb,55deg	HLMP-EL57-NRR00
HLMP-FH05-LP000	Lamp,5mm,AlInGaP2,RedOrg,85deg	N/A
HLMP-HD57-NPTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-WX0DD
HLMP-HD60-TUTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-VY0DD
HLMP-HD60-TUTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-WX0ZZ
HLMP-HD60-UVTDD	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-VY0DD
HLMP-HD60-UVTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-VY0ZZ
HLMP-LD63-RSTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-LG65-TX0ZZ
HSMB-C110	Chip,R/angle Mt,SiC GaN,Blue	HSMR-C110
HSMB-C112	Chip,R/angle Mt,SiC GaN,Blue	HSMR-C110
HSMB-C150	Chip,Top Mt,Sic GaN,Blue	HSMR-C150
HSMB-C170	Chip,Top Mt,SiC InGaP,Blue	HSMR-C170
HSMB-C172	Chip,Top Mt,LC,SiC GaN,Blue	HSMR-C170
HSMB-C190	Chip,Top Mt,SiC InGaP,Blue	HSMR-C190
HSMB-C192	Chip,Top Mt,LC,SiC GaN,Blue	HSMR-C190
HSMK-A100-S8WJ1	PLCC2,Top Mt,InGaP,Cyan	N/A
HSMK-A101-R4WJ1	PLCC2,Top Mt,InGaP,Cyan	N/A
HSMK-A400-T80M2	PLCC4,PWR,T/Mt,120VA,InGaP,Cyan	N/A
HSMK-A401-R40M2	PLCC4,PWR,T/Mt,120VA,InGaP,Cyan	N/A
HSMK-A430-W40M2	PLCC4,PWR,T/Mt,30VA,InGaP,Cyan	N/A
HSMK-A430-W4PM2	PLCC4,PWR,T/Mt,30VA,InGaP,Cyan	N/A
HSMK-A100-T3YJ1	PLCC2,Top Mt,InGaP,Grn	N/A
HSMK-A400-U3PM2	PLCC4,PWR,T/Mt,120VA,InGaP,Grn	N/A
HSMK-A400-U4PM2	PLCC4,PWR,T/Mt,120VA,InGaP,Grn	HSMK-A400-V4PM2
HSMK-A400-U7WM2	PLCC4,PWR,T/Mt,120VA,InGaP,Grn	N/A
HSMN-A400-S8ZM2	PLCC4,PWR,T/Mt,120VA,InGaP,Blue	N/A
HSMN-A430-T8WM2	PLCC4,PWR,T/Mt,30VA,InGaP,Blue	N/A

Part Number	Part Description	Replacement Part
HSMN-A430-U4PM2	PLCC4,PWR,T/Mt,30VA,InGaN,Blue	N/A
HSMU-A400-U70M1	PLCC4,PWR,T/Mt,120VA,AlInGaP2,Amb	N/A
HSMW-A400-U30M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	N/A
HSMW-A400-U40M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	N/A
HSMW-A400-U70M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	HSMW-A400-U80M2
HSMW-A400-U71M2	PLCC4,PWR,T/Mt,120VA,InGaN,White	N/A
QCMS-2361	16 Seg Disp 4Char .112in,InGaN Grn	N/A
QLMP-AD93-XZPZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	N/A
QLMP-AD99-QRZZZ	Lamp,5mm,AlInGaP2,Red,40X70deg	N/A
QLMP-AL95-RSSZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-WZKZZ
QLMP-ED43-TVTFE	Lamp,5mm,AlInGaP2,Red,23deg	N/A
QLMP-ED83-TVTZZ	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2A-XY0DD
QLMP-ED97-TWP00	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2A-XY0DD
QLMP-ED99-TUTDD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2B-XY0DD
QLMP-HD83-TUTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG64-VY0ZZ
QLMP-LD89-SSTZZ	Lamp,4mm,AlInGaP2,Red,50X100deg	HLMP-HG65-VY0ZZ
QLMT-PL48-RSW11	Poly,Ftop,AlInGaP2,Yel,GW,T/R	HLMT-PL00
QSMB-A151-K8ZJ2	PLCC2,Top Mt,GaN,Blue	N/A
QSMM-A111-T4YJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A111-T7YJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A117-U2YJ1	PLCC2,Top Mt,InGaN,Grn	N/A
QSMM-A413-T8YM2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	N/A
QSMM-A416-U3YM2	PLCC4,PWR,T/Mt,120VA,InGaN,Grn	N/A
QSMN-A111-R4YJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A111-R7YJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QSMN-A413-Q8QM2	PLCC4,PWR,T/Mt,120VA,InGaN,Blue	N/A
QSMW-A151-T7MJ1	PLCC2,Top Mt,White	N/A
QSMW-A152-T0YJ1	PLCC2,Top Mt,White	N/A
QSMW-A174-T50J1	PLCC2,Top Mt,White	N/A

Category 2: 1 Month LTB + 3 Months LTS

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

Part Number	Part Description	Replacement Part
HDSM-587Z	Module,0.394in,4Digit,Her/Grn	N/A
HDSM-588Z	Module,.394in,4Digit Grn,.35in Her	N/A
HDSM-589Z	Module,0.44in,4Digit,Bi-Clr,CC	N/A
HSMK-A100-S00J1	PLCC2,Top Mt,InGaN,Cyan	N/A
HSMK-A101-R00J1	PLCC2,Top Mt,InGaN,Cyan	N/A
HSMN-A100-R3WJ1	PLCC2,Top Mt,InGaN,Blue	N/A
QCMS-2368	16 Seg Disp 4Char .112in,InGaN Grn	N/A
QSMF-A252-G0MJ1	PLCC4,Top Mt,Biclr,HER/Grn	N/A
QSMF-A368-F99J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	N/A
QSMF-A369-FP9J1	PLCC4,Top Mt,Triclr,Red/Grn/Blue	N/A

Category 3: 3 Months LTB + 6 Months LTS

- Final customer order date by November 30st, 2009
- Final ship date to customers by June 30th, 2010

Part Number	Part Description	Replacement Part
ADJD-E622-QR999	RGB,COLOR SENSOR	N/A