



Product Obsolescence Notification

Issue Date: 1st July 2010

OBS070110OPD1

Dear Customer,

Avago Technologies 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. 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 1st, 2010. There will be no last time buy offered.

Product Family	Part Number	Part Description	Replacement Part
ESS	HLMP-CB31-PQCDD	Lamp,5mm,InGaP,Blue,30deg	HLMP-CB3B-UVCCDD
ESS	HLMP-CB37-RU0DD	Lamp,5mm,InGaP,Blue,30deg	HLMP-CB3B-UV0DD
ESS	HLMP-CE35-WYCDD	Lamp,5mm,InGaP,Cyan,30deg	HLMP-CE35-Y1CDD
ESS	HLMP-CM11-Y20DD	Lamp,5mm,InGaP,Grn,15deg	HLMP-CM1A-450DD
ESS	HLMP-CW37-VWBDD	Lamp,5mm,InGaP,White,30deg	N/A
ESS	HLMP-ED16-TW0DD	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1A-Z10DD
ESS	HLMP-ED27-TW000	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2B-XY0DD
ESS	HLMP-ED27-TW0DD	Lamp,5mm,AlInGaP2,Red,23deg	HLMP-EG2B-XY0DD
ESS	HLMP-ED80-NRT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
ESS	HLMP-ED80-PQT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
ESS	HLMP-EL1A-ZILDV	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1A-Z1LDV
ESS	HLMP-ML11-MNLDD	Lamp,4mm,AlInGaP,Amb,50X100deg	HLMP-ML11-N00DD
ESS	HLMP-RD11-LP000	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-TX0DD
ESS	HLMP-SD11-LP000	Lamp,4mm,AlInGaP2,Red,60X120deg	HLMP-LG65-TX0DD
ESS	QLMP-CE90-UXCDD	Lamp,5mm,InGaP,Cyan,23deg	HLMP-CE25-Z2CDD
ESS	QLMP-ED87-MQT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-ED80-PST00
ESS	QSMT-QTB0-0AC12	PLCC4,PWR,T/Mt,Silicone RGB	ASMT-QTB0-0AA02
ESS	QSMT-QTC0-0DC12	PLCC4,PWR,T/Mt,Silicone RGB	ASMT-QTC0-0AA02
ESS	QSMT-YTB0-0AC12	PLCC6,PWR,T/Mt,Silicone RGB	ASMT-YTB0-0AA02
ICM	ASMT-VW00-NAR01	Sensa LED,White	N/A
ICM	HDJD-S831-QT333	RGB LED, COLOR SENSOR	HDJD-S822-QR999
ICM	QSMT-VW01-NAE01	Sensa LED,White	N/A
Smart Display	HCMS-2919	5X7 SmartDisp 8Char .15in,GaN Blue	HCMS-2819
SSL	ADJD-S371-QR999	RGBC,DIGITAL COLOR SENSOR,MODULE	ADJD-S311-CR999

Category 2: 3 Months LTB

- Final customer order date by October 31st, 2010
- Final ship date to customers by January 31st, 2011

Product Family	Part Number	Part Description	Replacement Part
Annunciator	HLMP-2566-F0051	L-Bar,.8inL X .195inW,Grn,LongLead	N/A
Base Lamps	HLMP-NL05-J0002	Lamp,3mm,45deg,AlInGaP,590nm Amb	HLMP-NL06
Base Lamps	QLMP-J255-JK0DD	Lamp,3mm,GaP,Red	HLMP-1321
Base Lamps	QLMP-K126	Lamp,3mm, AlGaAs	HLMP-K101
Base Lamps	QLMP-K273-C0000	Lamp,3mm,GaP,Red	HLMP-1301
Base Lamps	QLMP-K346	Lamp,3mm,GaP,Yel	HLMP-1440
Base Lamps	QLMP-N499-ABADD	Lamp,3mm,GaP,Org	HLMP-K401
PolyLED	HLMA-PH00-PR000	Poly,FTop,AlInGaP,RedOrg	HLMA-PH00
PolyLED	HLMA-QG00-TV000	Poly,Dome,AlInGaP,RedOrg	HLMA-QH00-S0000
PolyLED	HLMP-6455-JL01S	Poly,Dome,GaP,Yel,R/bend	N/A
PolyLED	HLMP-6700-G0010	Poly,Dome,RLED,GaP,Yel,Rt Hse	HLMP-6720-F0010
PolyLED	HLMP-Q156-HK031	Poly,Dome,LC,TS AlGaAs,Z,T/R	HLMP-Q156-H0031
PolyLED	QLMA-PJ38-QR011	Poly,FTop,AlInGaP,Org,GW,T/R	QLMJ-P015-QR011
PolyLED	QLMA-QL36-TVK14	Poly,Dome,AlInGaP,Yel,GW,T/R	HLMT-QL00-T0011
PolyLED	QLMP-6565-MP011	Poly,Dome,GaP,Grn,GW,T/R	HLMP-6505-NP011
S4	HDSP-4200	S4,0.8in,Yel,CA,LDP	N/A
S4	HDSP-A407	S4,0.3M,Org,Overflow,CA	N/A
S4	HDSP-N106	S4,0.8in,AlGaAs LC,Overflow	N/A

Category 3: 6 Months LTB

- Final customer order date by January 31st, 2011
- Final ship date to customers by July 31st, 2011

Product Family	Part Number	Part Description	Replacement Part
ChipLED	HSMC-C300	Chip,Directional R/A Mt,AlIn,Red	N/A
ChipLED	HSMF-C117	Chip,Triclr,Red/Grn/Blue	N/A
ChipLED	HSMR-C390	Chip,SMT R/Angle,InGaN,Blue	N/A
ChipLED	HSMW-C390	Chip,SMT R/Angle,InGaN,White	N/A
ChipLED	QSMA-C19E	Chip,Top Mt,AlInGaP,Amb	HSMA-C191
ChipLED	QSMA-C266	Chip,Rev Mt,AlInGaP,Amb	HSMA-C265
ChipLED	QSMC-C19E	Chip,Top Mt,AlInGaP,Red	HSMC-C191
ChipLED	QSMC-C301	Chip,Directional R/A Mt,AlIn,Red	N/A
ChipLED	QSME-C183	Chip,Top Mt,AlInGaP,Grn	HSME-C191
ChipLED	QSMF-C028	Chip,Biclr,Red/Grn	HSMF-C114
ChipLED	QSMF-C122	Chip,Triclr,Top Mt,RGB	HSMF-C114
ChipLED	QSMF-C123	Chip,Triclr,Red/Green/Blue	HSMF-C115
ChipLED	QSMF-C126	Chip,Triclr,Top Mt,RGB	HSMF-C114
ChipLED	QSMF-C141	Chip,Triclr,Side 1.0,RGB	N/A
ChipLED	QSMG-C121	Chip,R/angle Mt,GaP,Grn	HSMG-C120
ChipLED	QSMG-C157	Chip,Top Mt,GaP,Grn	HSMG-C150
ChipLED	QSMG-C194	Chip,Top Mt,GaP,Grn	HSMG-C191
ChipLED	QSMH-C159	Chip,Top Mt,AlGaAs	HSMH-C150
ChipLED	QSMML-C267	Chip,Rev Mt,AlInGaP,Org	HSML-C265
ChipLED	QSMQ-C121	Chip,R/angle Mt,InGan,Grn	HSMQ-C120

Product Family	Part Number	Part Description	Replacement Part
ChipLED	QSMQ-C193	Chip,Top Mt,InGaN,Grn	HSMQ-C197
ChipLED	QSMQ-C19E	Chip,Top Mt,InGaN,Grn	HSMQ-C191
ChipLED	QSMR-C127	Chip,R/angle Mt,InGaN,Blue	HSMR-C120
ChipLED	QSMR-C13D	Chip,Top Mt,InGaN,Blue	HSMR-C130
ChipLED	QSMR-C13E	Chip,Top Mt,InGaN,Blue	HSMR-C130
ChipLED	QSMR-C141	Chip,Top Mt,InGaN,Blue	HSMR-C130
ChipLED	QSMR-C19A	Chip,Top Mt,InGaN,Blue	HSMR-C191
ChipLED	QSMT-CB03	Chip,R/angle Mt,0.4mm,InGaN,Blue	ASMT-CB00
ChipLED	QSMT-CB07	Chip,R/angle Mt,0.4mm,InGaN,Blue	ASMT-CB00
ChipLED	QSMT-CE09	Chip,R/angle Mt,0.4mm,AlInGaP,Grn	N/A
ChipLED	QSMT-CR09	Chip,R/angle Mt,0.4mm,AlInGaP,Red	N/A
ChipLED	QSMT-FJ23-AFH00	Chip,AFA,Top Mt,AlInGaP,Org	N/A
ChipLED	QSMT-FW86-NX000	Chip,Single,3.3x3.3,Top Mt,White	N/A
ChipLED	QSMW-C266	Chip,Rev Mt,White	HSMW-C265
ChipLED	QSMW-C268	Chip,Rev Mt,White	HSMW-C265
ESS	HLMP-CB13-VWBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB1A-XYBDD
ESS	HLMP-CB13-VWCDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB1A-XYCDD
ESS	HLMP-CB14-UX000	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB1B-XY0DD
ESS	HLMP-CB14-VWBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB1B-XYBDD
ESS	HLMP-CB22-SV000	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB2A-VW0DD
ESS	HLMP-CB22-SV0DD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB2A-VW0DD
ESS	HLMP-CB22-TUBDD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB2A-VWBDD
ESS	HLMP-CB25-SV000	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB2B-VW0DD
ESS	HLMP-CB25-SV0DD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CM2B-120DD
ESS	HLMP-CB34-R0000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UV0DD
ESS	HLMP-CB34-R0CDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVCDD
ESS	HLMP-CB34-RS0DD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UV0DD
ESS	HLMP-CB34-RSB00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CM3B-Z1BDD
ESS	HLMP-CB34-RSBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVBDD
ESS	HLMP-CB34-RSBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVBDD
ESS	HLMP-CB34-RSC00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVCDD
ESS	HLMP-CB34-RU000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UV0DD
ESS	HLMP-CB34-STBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVBDD
ESS	HLMP-CB34-STCDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVCDD
ESS	HLMP-CB34-SUBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3A-UVBDD
ESS	HLMP-CB35-RSC00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UVCDD
ESS	HLMP-CB35-RSCDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UVCDD
ESS	HLMP-CB35-STCDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UVCDD
ESS	HLMP-CB35-SUBDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UVBDD
ESS	HLMP-CB35-SUBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB3B-UVBDD
ESS	HLMP-CM13-12BDD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM1A-45BDD
ESS	HLMP-CM14-23CDD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM1B-45CDD
ESS	HLMP-CM14-Z3000	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM1B-450DD
ESS	HLMP-CM14-Z30DD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM1B-450DD
ESS	HLMP-CM22-X1000	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2A-120DD
ESS	HLMP-CM22-X10DD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2A-120DD
ESS	HLMP-CM22-YZC00	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2A-12CDD
ESS	HLMP-CM22-YZCDD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2A-12CDD
ESS	HLMP-CM25-X1000	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2B-120DD
ESS	HLMP-CM25-X10DD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM2B-120DD

Product Family	Part Number	Part Description	Replacement Part
ESS	HLMP-CM34-WY000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3B-Z10DD
ESS	HLMP-CM34-WZ0DD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3B-Z10DD
ESS	HLMP-CM34-XYBDD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3A-Z1BDD
ESS	HLMP-CM34-XYC00	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3A-Z1CDD
ESS	HLMP-CM34-XYCZZ	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3A-Z1CDD
ESS	HLMP-CM35-X1000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3B-Z10DD
ESS	HLMP-CM35-X1CDD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3B-Z1CDD
ESS	HLMP-CM35-X1CZZ	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM3B-Z1BDD
ESS	HLMP-DL50#002	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-DL50-VWPD
ESS	HLMP-EL08-VX4DD	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL08-VYKDD
ESS	HLMP-EL08-X1L00	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL08-X1K00
ESS	HLMP-EL08-Y24DD	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL08-Y20DD
ESS	HLMP-EL08-Z3L00	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL08-Z3K00
ESS	HLMP-EL10-VYLDD	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL10-VYKDD
ESS	HLMP-EL10-XZLDD	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL10-X1KDD
ESS	HLMP-EL10-Z1L00	Lamp,5mm,AlInGaP,Amb,8deg	HLMP-EL10-Z1K00
ESS	HLMP-EL55-JKLDD	Lamp,5mm,AlInGaP,Amb,55deg	HLMP-EL55-JKKDU
ESS	HLMP-SL10-MQLDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MNLDD
ESS	QLMA-DG96#2DD	Lamp,5mm,AlInGaP,Red	HLMP-EG30-MQ0DD
ESS	QLMP-AG92-Y10ZZ	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG63-Y10DD
ESS	QLMP-AL92-XYKZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL63-XYKDD
ESS	QLMP-CB77-VWZDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB1A-XY0DD
ESS	QLMP-EL77-VWZDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL35-VWKDD
ESS	QLMP-UL26#002	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL26-PS002
PLCC	HSMA-A161-S3WJ1	PLCC2,Top Mt,AlInGaP,Amb	HSMA-A161-S7WJ1
PLCC	HSMG-A100-K62J5	PLCC2,Top Mt,GaP,Grn	HSMG-A100-K72J2
PLCC	HSMS-A100-K20J5	PLCC2,Top Mt,Her	HSMS-A100-K40J2
PLCC	QSMA-A117-T2WJ1	PLCC2,Top Mt,AlInGaP,Amb	N/A
PLCC	QSMA-A132-K7YL2	PLCC2,Top Mt,AlInGaP,Amb	N/A
PLCC	QSMA-A141-R4QJ1	PLCC2,Top Mt,AlInGaP,Amb	N/A
PLCC	QSMA-A149-Q00J1	PLCC2,Top Mt,AlInGaP,Amb	N/A
PLCC	QSMA-A439-Z2WM1	PLCC4,PWR,T/Mt,30VA,AlInGaP,Amb	N/A
PLCC	QSMC-A111-R70J1	PLCC2,Top Mt,AlInGaP,Red	N/A
PLCC	QSMC-A132-K3JL2	PLCC2,Top Mt,AlInGaP,Red	N/A
PLCC	QSMC-A175-Q90J1	PLCC2,Top Mt,AlInGaP,Red	N/A
PLCC	QSMC-A199-S00J1	PLCC2,Top Mt,AlInGaP,Red	N/A
PLCC	QSMC-A435-ZA0M1	PLCC4,PWR,T/Mt,30VA,AlInGaP,Red	N/A
PLCC	QSMC-A436-Y70M1	PLCC4,PWR,T/Mt,30VA,AlInGaP,Red	N/A
PLCC	QSML-A136-R7YJ1	PLCC2,Top Mt,AlInGaP,Org	N/A
PLCC	QSMT-RA32-AJ7JH	AC 0603,Top Mt,AlInGaP,Amb	N/A