



Product Obsolescence Notification

Issue Date: 4th January 2011

OBS010411OPD1

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 January 4th, 2011. There will be no last time buy offered.

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-AB87-MQ0ZZ	Lamp,5mm,InGaP,Blue,30X70deg	HLMP-AB65-TW0DD
ESS	HLMP-AD61-X1TZZ	Lamp,5mm,AlInGaP2,Red,30X70deg	HLMP-AG65-X10DD
ESS	HLMP-AM87-TW0ZZ	Lamp,5mm,InGaP,Grn,30X70deg	HLMP-AM65-140DD
ESS	HLMP-CB12-TW0DD	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB1B-XY0DD
ESS	HLMP-CW77-RSBDD	Lamp,5mm,InGaP,White,70deg	N/A
ESS	HLMP-ED18-WXT00	Lamp,5mm,AlInGaP2,Red,15deg	HLMP-EG1B-Z10DD
ESS	HLMP-EL25-SV000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL2A-XYK00
ESS	HLMP-EL25-TW000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL2A-XYK00
ESS	HLMP-HD57-PQTZZ	Lamp,5mm,AlInGaP2,Red,40X100deg	HLMP-HG65-WX0DD
ESS	HLMP-LB63-PT0ZZ	Lamp,4mm,InGaP,Blue,50X100deg	HLMP-LB65-RU0DD

Category 2: 3 Months LTB

- Final customer order date by March 31st, 2011
- Final ship date to customers by June 30th, 2011

Product Category	Part Number	Part Description	Replacement Part
Base Lamps	HLMP-DB25-B00DD	Lamp,5mm,GaN,466nm Blue	HLMP-DB25-B0000
Base Lamps	QLMP-K672	Lamp,3mm,GaP,E-Grn	HLMP-K600
Clusters	QDSP-498G	S4 ,0.4in,Grn,3Digit,CA	N/A
S4	HDSP-301A	S4,PCB,10mm Slim Font,AlGaAs,CA	N/A
S4	HDSP-301Y	S4,PCB,10mm Slim Font,Yel,CA	N/A
S4	HDSP-303Y	S4,PCB,10mm Slim Font,Yel,CC	N/A
S4	HDSP-311G	S4 PCB,0.4S,Grn,CA	N/A
S4	HDSP-313G-IJ000	S4 PCB,0.4S,Grn,CC	HDSP-313G
S4	HDSP-331A	S4,PCB,0.3in,AlGaAs,CA,RDP/LDP	N/A
S4	HDSP-331E	S4,PCB,0.3in,HER,CA,RDP/LDP	N/A
S4	HDSP-331G	S4,PCB,0.3in,Grn,CA,RDP/LDP	N/A
S4	HDSP-331Y	S4,PCB,0.3in,Yel,CA,RDP/LDP	N/A
S4	HDSP-333Y	S4,PCB,0.3in,Yel,CC,14 Leads	N/A
S4	HDSP-334A	S4,PCB,0.3in,AlGaAs,CC,10 Leads	N/A
S4	HDSP-334E	S4,PCB,0.3in,HER,CC,10 Leads	N/A
S4	HDSP-334G	S4,PCB,0.3in,Grn,CC,10 Leads	N/A
S4	HDSP-334Y	S4,PCB,0.3in,Yel,CC,10 Leads	N/A
S4	HDSP-561G	S4,PCB,0.56Thin,Grn,CA	N/A
S4	HDSP-561Y	S4,PCB,0.56Thin,Yel,CA	N/A
S4	HDSP-563G	S4,PCB,0.56Thin,Grn,CC	N/A
S4	HDSP-563Y	S4,PCB,0.56Thin,Yel,CC	N/A

Category 3: 6 Months LTB

- Final customer order date by June 30th, 2011
- Final ship date to customers by December 31st, 2011

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-AG62-X10ZZ	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG64-X10DD
ESS	HLMP-LG65-TX0ZZ	Lamp,4mm,AlInGaP,Red,50X100deg	HLMP-LG65-WZ0DD
Polyled	HLMP-Q400	Poly,Dome,GaP,Org	HLMP-Q405-H0012
TLED	HSME-A100-M0LJ1	PLCC2,Top Mt,AlInGaP,Grn	HSME-A100-M02J1
ChipLed	QSMA-C281	Chip,Top Mt,AlInGaP,Amb	HSMA-C280
ChipLed	QSMC-C109	Chip,R/angle Mt,AlInGaP,Red	HSMC-C110
ChipLed	QSMC-C111	Chip,R/angle Mt,AlInGaP,Red	HSMC-C110
ChipLed	QSME-C19A	Chip,Top Mt,AlInGaP,Grn	HSME-C191
ChipLed	QSME-C263	Chip,Rev Mt,AlInGaP,Grn	HSME-C265
ChipLed	QSMN-C193	Chip,Top Mt,InGaN,Blue	HSMN-C191
ChipLed	QSMQ-C171	Chip,Top Mt,InGaN,Grn	HSMQ-C170
ChipLed	QSMR-C116	Chip,Top Mt,InGaN,Blue	HSMR-C130
ChipLed	QSMR-C132	Chip,Top Mt,InGaN,Blue	HSMR-C130
ChipLed	QSMT-FW85-NX000	Chip,Single,3.3x3.3,Top Mt,White	QSMT-FW8B
ChipLed	QSMT-FW88-NX000	Chip,Single,3.3x3.3,Top Mt,White	QSMT-FW8B
ChipLed	QSMT-FW8A	Chip,Single,3.3x3.3,Top Mt,White	QSMT-FW8B
ChipLed	QSMW-C123	Chip,R/angle Mt,InGaN,White	HSMW-C120