



PCN: V07-022-SD475415-0A

Product Change Notice

Issue Date: 18 May 2007

Change Type:

Please be advised that Avago Technologies is making the following product change on the effective date noted for the products listed below:

1. Proliferation of AlInGaP and InGaN Through Hole Lamps manufacturing to alternate manufacturing site.
2. Wire bond method change.

Parts Affected:

Below are the part number list affected by the proliferation of manufacturing to alternate manufacturing site and wire bond method change.

Phase 1:

HLMP-AD06-NSTDD	HLMP-HD57-PQTZZ	HLMA-KL00-I0000
HLMP-AD06-P0000	HLMP-HD60-TUTZZ	HLMA-KL00-MQ000
HLMP-AD06-P00DD	HLMP-HD60-UVTZZ	HLMA-KL05-I0000
HLMP-AD06-P0T00	HLMP-HD61-TUTZZ	HLMP-AG01-K00DD
HLMP-AD06-PQ0DD	HLMP-HD61-TWTYY	HLMP-AG01-M00DD
HLMP-AD06-RS0DD	HLMP-HD61-TXTZZ	HLMP-AL11-NR000
HLMP-AD06-RS0ZZ	HLMP-HH56-NPTDD	HLMP-DL50
HLMP-AD06-RSTDD	HLMP-HH56-PQTDD	HLMP-DL50#002
HLMP-AD06-RSTZZ	HLMP-HH56-RSTDU	HLMP-DL50-VWPDD
HLMP-AD06-STTDD	HLMP-HL57-MNKDD	HLMP-DL51#002
HLMP-AD16-P0000	HLMP-HL57-MNSDD	HLMP-DL51#2DD
HLMP-AD16-P0002	HLMP-HL57-NPKDD	HLMP-DL51-VWPDD
HLMP-AD16-QTTDD	HLMP-HL57-NPSDD	HLMP-BG01-LM000
HLMP-AD16-RS000	HLMP-HL57-NR000	HLMP-BG01-MN000
HLMP-AD16-RS0DD	HLMP-HL57-PQSDD	HLMP-BG01-MN0DD
HLMP-AD16-RS0ZZ	HLMP-HL57-QRSDD	HLMP-BJ11-M00DD
HLMP-AD16-RSTDD	HLMP-LD15-PQTY Y	HLMP-BL01-NR000
HLMP-AD16-RUT00	HLMP-LD15-MNTDD	HLMP-BL06-N0000
HLMP-AD16-ST000	HLMP-LD15-MQT00	HLMP-BL06-N00DD
HLMP-AD16-ST0DD	HLMP-LD15-MQTDD	HLMP-BL06-QRKDD
HLMP-AD16-STTDD	HLMP-LD15-MQTZZ	HLMP-BL06-QRS00
HLMP-AD60-Z1TZZ	HLMP-LD15-NPTDD	HLMP-BL06-QRSDD
HLMP-AD60-X1TZZ	HLMP-LD15-NRT00	HLMP-BL06-QTWDD
HLMP-AD60-XYTDD	HLMP-LD15-NRTDD	HLMP-BL06-RSKDD
HLMP-AD60-YZ0ZZ	HLMP-LD15-NRTYY	HLMP-BL06-STSD
HLMP-AD60-YZTZZ	HLMP-LD15-NRTZZ	HLMP-BL11-KN000
HLMP-AD61-Y1TDD	HLMP-LD15-PQTDD	HLMP-BL11-KN0DD

HLMP-AD61-X10ZZ	HLMP-LD15-PQTZZ	HLMP-BL11-KN0ZZ
HLMP-AD61-X1TYY	HLMP-LD61-SWTZZ	HLMP-BL11-NR000
HLMP-AD61-X1TZZ	HLMP-LD61-TXTZZ	HLMP-DL50
HLMP-AD61-Y1TZZ	HLMP-LD63-RSTZZ	HLMP-DL50#002
HLMP-AD85-RU000	HLMP-LD63-TVTTY	HLMP-DL50-VWPDD
HLMP-AD87-RU000	HLMP-LD63-SUTZZ	HLMP-DL51#002
HLMP-AD87-RU0YY	HLMP-LD63-SWTZZ	HLMP-DL51#2DD
HLMP-AD87-RU0ZZ	HLMP-LD63-TUTZZ	HLMP-DL51-VWPDD
HLMP-AD87-RUTYY	HLMP-LD63-TVTZZ	HLMP-EG10-T0000
HLMP-AD87-RUTZZ	HLMP-MD16-MQT00	HLMP-EG10-WZ000
HLMP-AD87-STTZZ	HLMP-RD11-J0000	HLMP-EG10-X1000
HLMP-AD90-ST0ZZ	HLMP-RD11-LN0DD	HLMP-EG10-X10DD
HLMP-AD90-STTYY	HLMP-RD11-LP000	HLMP-EG10-Y2000
HLMP-AD90-STTZZ	HLMP-RD11-LP0DD	HLMP-EG10-Y20DD
HLMP-AL06-N0000	HLMP-RD11-LPT00	HLMP-EG17-N0000
HLMP-AL06-NSRDD	HLMP-RD11-LPTDD	HLMP-EG17-QT000
HLMP-AL06-QRLDD	HLMP-SD11-J0000	HLMP-EG17-RU0DD
HLMP-AL06-RSKDD	HLMP-SD11-LP000	HLMP-EG17-SV000
HLMP-AL06-RSLDD	HLMP-SD11-LPT00	HLMP-EG17-TW000
HLMP-AL06-RSSDD	HLMP-SD11-LPTDD	HLMP-EG17-UX000
HLMP-AL06-RSSZZ	HLMP-SD11-MN0DD	HLMP-EG55-GK0DD
HLMP-AL06-STSDDD	HLMP-SD11-MNT00	HLMP-EG55-HJ000
HLMP-AL16-N0000	HLMP-SD11-MNTDD	HLMP-EG55-HJ0DD
HLMP-AL16-N0002	HLMP-SL11-H0000	HLMP-EG55-HJ0DU
HLMP-AL16-PS0DD	HLMP-SL11-HL0DD	HLMP-EG55-JK0DD
HLMP-AL16-PSRDD	HLMP-SL11-LP000	HLMP-EG55-JK0DU
HLMP-AL16-PSRZZ	HLMP-SL11-LP0DD	HLMP-EH08-UX000
HLMP-AL16-QRRDD	HLMP-SL11-LPR00	HLMP-EH08-WZ000
HLMP-AL16-QTRDD	HLMP-SL11-LPRDD	HLMP-EH08-X1000
HLMP-AL16-QTWZZ	HLMP-SL11-MNKDD	HLMP-EH08-Y2000
HLMP-AL16-RS0ZZ	HLMP-SL11-MNS00	HLMP-EH08-Y20DD
HLMP-AL16-RSKDD	HLMP-SL11-MNSDD	HLMP-EH10-UX000
HLMP-AL16-RSRDD	QLMA-DL83-ST402	HLMP-EH10-WZ000
HLMP-AL16-RSSYY	QLMA-DL83-ST4DD	HLMP-EH10-X10DD
HLMP-AL16-RSSZZ	QLMA-DL86	HLMP-EH10-Y2000
HLMP-AL60-WXSZZ	QLMA-DL86#002	HLMP-EH10-Y20DD
HLMP-AL61-VYRZZ	QLMA-DL86-QS4DD	HLMP-EH15-QT002
HLMP-AL90-RSSZZ	QLMP-AD49-P00FE	HLMP-EH15-RU000
HLMP-AL90-RSYZZ	QLMP-AD84-XXTDU	HLMP-EH15-RU0DD
HLMP-BD06-L00DD	QLMP-AD86-RRTDD	HLMP-EH15-TW000
HLMP-BD06-P0000	QLMP-AD86-SSTDD	HLMP-EH15-UX000
HLMP-BD06-P00DD	QLMP-AD93-XZPZZ	HLMP-EH17-SV0DD
HLMP-BD06-RS000	QLMP-AD94-SS0DD	HLMP-EH17-TW000
HLMP-BD06-RS0DD	QLMP-AD94-SSTDD	HLMP-EH17-UX000
HLMP-BD06-RST00	QLMP-AD94-TT0DD	HLMP-EH24-PS000
HLMP-BD06-STT00	QLMP-AD94-TTTDD	HLMP-EH24-QT000
HLMP-BD06-STTDD	QLMP-AD95-STTZZ	HLMP-EH24-RU000
HLMP-BH16-QT0DD	QLMP-AD96-RR0DD	HLMP-EH24-RU0DD
HLMP-ED18-S0000	QLMP-AD96-SS0DD	HLMP-EH24-SV000
HLMP-ED18-TW000	QLMP-AD97-WY0ZZ	HLMP-EH24-SV0DD

HLMP-ED18-TW0DD	QLMP-AD99-QRZZZ	HLMP-EH26-PS000
HLMP-ED18-TWT00	QLMP-AL49	HLMP-EH26-PS002
HLMP-ED18-TWTDD	QLMP-AL86-RR2DD	HLMP-EH26-SV000
HLMP-ED18-UX000	QLMP-AL86-RR4DD	HLMP-EH32-MQ000
HLMP-ED18-UX0DD	QLMP-AL86-RR6DD	HLMP-EH32-NR0DD
HLMP-ED18-UXT00	QLMP-AL86-SS2DD	HLMP-EH32-QT000
HLMP-ED18-VX0DD	QLMP-AL86-SS4DD	HLMP-EH32-RU000
HLMP-ED18-VYT00	QLMP-AL86-SS6DD	HLMP-EJ08-WZ000
HLMP-ED18-WX000	QLMP-AL86-TT4DU	HLMP-EJ08-X1000
HLMP-ED18-WX0DD	QLMP-AL86-TT6DU	HLMP-EJ08-Y2000
HLMP-ED18-WXT00	QLMP-AL95-RSSZZ	HLMP-EJ10-X1000
HLMP-ED18-WXTDD	QLMP-AL96-RR2DD	HLMP-EJ10-XZ0DD
HLMP-ED27-R0000	QLMP-AL96-RR4DD	HLMP-EJ15-PS000
HLMP-ED27-SV000	QLMP-AL96-RR6DD	HLMP-EJ15-QT000
HLMP-ED27-SV0DD	QLMP-AL96-SS2DD	HLMP-EJ15-RU000
HLMP-ED27-SVTDD	QLMP-AL96-SS4DD	HLMP-EJ15-RU0DD
HLMP-ED27-TUTDD	QLMP-AL96-SS6DD	HLMP-EJ15-SV000
HLMP-ED27-TVTD	QLMP-AL96-TT4DU	HLMP-EJ15-SV0DD
HLMP-ED27-TW000	QLMP-AL96-TT6DU	HLMP-EJ17-QT000
HLMP-ED27-TW0DD	QLMP-DD99#2DA	HLMP-EJ17-SV000
HLMP-ED27-TWT00	QLMP-ED19-TW0DD	HLMP-EJ24-QT000
HLMP-ED27-TWTDD	QLMP-ED43-TVTFE	HLMP-EJ24-SV0DD
HLMP-ED27-UWTDD	QLMP-ED43-TVTFE	HLMP-EJ30-NR000
HLMP-ED27-VXTDD	QLMP-ED56-VV0DD	HLMP-EJ30-NR0DD
HLMP-ED33-Q0000	QLMP-ED56-WW0DD	HLMP-EJ30-PS000
HLMP-ED33-QT000	QLMP-ED72-VWTDD	HLMP-EJ30-QR000
HLMP-ED33-QT0ZZ	QLMP-ED73-SS0DD	HLMP-EJ30-QR0DD
HLMP-ED33-QTT00	QLMP-ED73-TT0DD	HLMP-EJ30-RU0DD
HLMP-ED33-RUT00	QLMP-ED75-TTTDD	HLMP-EJ36-R0PDD
HLMP-ED33-SV000	QLMP-ED75-UUTDD	HLMP-EJ37-Q0PDD
HLMP-ED33-SV0DD	QLMP-ED77-WXTDD	HLMP-EJ37-R0PDD
HLMP-ED33-SV0ZZ	QLMP-ED78-UVTDD	HLMP-EL62-VW400
HLMP-ED33-SVT00	QLMP-ED79-UWTDD	HLMP-FH05-LP000
HLMP-ED33-SVTDD	QLMP-ED83-TVZTZ	HLMP-RL10-LMLDD
HLMP-ED33-SVTZZ	QLMP-ED84-UWTZZ	HLMP-RL10-LP000
HLMP-ED33-TUTDD	QLMP-ED85-TVZTZ	HLMP-RL10-LP0DD
HLMP-ED33-TV000	QLMP-ED86-K0T00	HLMP-RL10-MP0DD
HLMP-ED33-TVTD	QLMP-ED87-KNT00	HLMP-RL10-MQLDD
HLMP-ED33-TW000	QLMP-ED87-MQT00	HLMP-GG10-U0000
HLMP-ED33-TW0DD	QLMP-ED87-NRT00	HLMP-GG15-R0000
HLMP-ED33-TWT00	QLMP-ED87-PST00	HLMP-GH08-U0000
HLMP-ED33-UWT00	QLMP-ED87-QUT00	HLMP-GL15-S0000
HLMP-ED33-UWTDD	QLMP-ED87-RST00	HLMP-GL32-P0002
HLMP-ED50-K0T00	QLMP-ED89	HLMP-HG54-JK0DD
HLMP-ED50-PS000	QLMP-ED89-NT000	HLMP-HG54-JK0DU
HLMP-ED50-PST00	QLMP-ED89-QS000	HLMP-HG54-KL0DU
HLMP-ED50-PSTDD	QLMP-ED89-QT000	HLMP-HL54-LMKDD
HLMP-ED54-LPTDD	QLMP-ED92-SV0DD	HLMP-HL54-LMKDU
HLMP-ED57-LP000	QLMP-ED93-UWTDD	HLMP-HL54-MNKDU
HLMP-ED57-LP0DD	QLMP-ED95-SU0DD	HLMP-HL55-LMKDD

HLMP-ED57-LPT00	QLMP-ED95-TV0DD	HLMP-HL55-MQ000
HLMP-ED80-K0000	QLMP-ED95-UVZDD	HLMP-HL56-MNSDD
HLMP-ED80-PSTDD	QLMP-ED95-UWZDD	HLMP-HL56-NPYDD
HLMP-ED80-K0T00	QLMP-ED97-TWP00	HLMP-HL56-PQYDU
HLMP-ED80-KN000	QLMP-ED97-TWPDD	HLMP-LH11-KL0DD
HLMP-ED80-KNT00	QLMP-ED98-QST00	HLMP-LL11-KN000
HLMP-ED80-KP000	QLMP-ED99-TUTDD	HLMP-LL11-KN0DD
HLMP-ED80-MP000	QLMP-ED99-TVTD	HLMP-LL11-MQ000
HLMP-ED80-MQ000	QLMP-EH19-UX0DD	HLMP-LL11-MQ0DD
HLMP-ED80-MQT00	QLMP-EH19-VYTDD	HLMP-LL41-N00DD
HLMP-ED80-NRT00	QLMP-EH29-TW0DD	HLMP-ML11-KL0DD
HLMP-ED80-PS000	QLMP-EH29-UW0DD	HLMP-ML11-M0000
HLMP-ED80-PST00	QLMP-EH29-VXTDD	HLMP-ML11-M00DD
HLMP-ED80-QUT00	QLMP-EH41-TW0DD	HLMP-ML11-MNLDD
HLMP-ED80-R0T00	QLMP-EH51-UXZDD	HLMP-ML11-N00DD
HLMP-ED82-QT000	QLMP-EH51-UXZZZ	HLMP-ML11-NR0ZZ
HLMP-ED82-QTT00	QLMP-EL19-VYKDD	HLMP-RG10-JM000
HLMP-EH16-TW000	QLMP-EL19-VYSDD	HLMP-RL11-H0000
HLMP-EH16-UX000	QLMP-EL29-TWKDD	HLMP-RL11-L0RDD
HLMP-EH16-UX0DD	QLMP-EL29-UWSDD	HLMP-RL11-LP000
HLMP-EH16-VX0DD	QLMP-EL39-TW4DD	HLMP-RL11-LP0DD
HLMP-EH18-UX000	QLMP-EL41-SVSDD	HLMP-RL11-LPR00
HLMP-EH18-UX0DD	QLMP-EL44-SV0DD	HLMP-SG10-JM000
HLMP-EH18-WX0DD	QLMP-EL51-UXZDD	HLMP-SG10-JM0DD
HLMP-EH18-WXTDD	QLMP-EL51-UXZZZ	HLMP-SL10-HL0DD
HLMP-EH25-QT000	QLMP-EL59-H0KDD	HLMP-SL10-LM0DD
HLMP-EH25-SV000	QLMP-EL73-TT2DU	HLMP-SL10-LMKDD
HLMP-EH25-TW000	QLMP-EL73-TT4DD	HLMP-SL10-LMLDD
HLMP-EH25-TW0DD	QLMP-EL73-TT6DD	HLMP-SL10-LP000
HLMP-EH25-WZTDD	QLMP-EL73-UU2DU	HLMP-SL10-LP0DD
HLMP-EH27-TW000	QLMP-EL73-UU4DD	HLMP-SL10-LPKDD
HLMP-EH27-WZTDD	QLMP-EL73-UU6DD	HLMP-SL10-LPKDU
HLMP-EH27-XYT00	QLMP-EL75-TT2DU	HLMP-SL10-MP0DD
HLMP-EH27-XYTDD	QLMP-EL75-TT4DD	HLMP-SL10-MQ0DD
HLMP-EH33-RU000	QLMP-EL75-TT6DD	HLMP-SL10-MQLDD
HLMP-EH33-SV000	QLMP-EL75-UU2DU	HLMP-WG02
HLMP-EH33-SV0DD	QLMP-EL75-UU4DD	HLMP-WL02
HLMP-EH57-LP000	QLMP-EL75-UU6DD	QLMA-DG96#2DD
HLMP-EL33-QT0DD	QLMP-EL76-XX2DU	QLMA-DG99#2DD
HLMP-EL33-SUR00	QLMP-EL76-XX4DU	QLMA-DJ99#2DD
HLMP-EL33-SUSDD	QLMP-EL76-YY2DU	QLMA-DL39
HLMP-EL33-SV000	QLMP-EL76-YY4DU	QLMA-DL39-K0KDD
HLMP-EL33-SV0DD	QLMP-EL80-VWSZZ	QLMA-DL87-KM0DD
HLMP-EL33-SV0ZZ	QLMP-EL80-VWYZZ	QLMA-DL89
HLMP-EL33-SVR00	QLMP-EL81-WXRDD	QLMA-DL91-M0MZ0
HLMP-EL33-SVRDD	QLMP-EL82-VYRDD	QLMA-EL38#2DD
HLMP-EL33-SVRZZ	QLMP-EL83-VWRDD	QLMA-EL39
HLMP-EL33-SVSDD	QLMP-EL86-VWRDD	QLMA-EL39-K0KDD
HLMP-EL33-TT2DD	QLMP-EL89-VWKZZ	QLMA-KH40
HLMP-EL33-TT4DD	QLMP-EL89-VWYZZ	QLMA-KH40-N00DD

HLMP-EL33-TU2DD	QLMP-EL92-TWSZZ	QLMA-KH48
HLMP-EL33-TU4DD	QLMP-EL92-UUKDD	QLMA-KJ49
HLMP-EL33-TW0DD	QLMP-EL93-X1KDD	QLMA-KL39
HLMP-EL33-TWR00	QLMP-EL95-UW0DD	QLMA-KL41#002
HLMP-EL33-TWRDD	QLMP-EL95-VW0DD	QLMA-KL42
HLMP-EL33-TWS00	QLMP-EL96-TWSZZ	QLMA-KL43#2VD
HLMP-EL33-U0RDD	QLMP-EL96-UWSZZ	QLMC-A009
HLMP-EL33-UU2DD	QLMP-EL98-VY200	QLMJ-B008
HLMP-EL33-UU4DD	QLMP-EL99-UX200	QLMP-ED44-TV0FE
HLMP-EL33-UVSDD	QLMP-EL99-UX400	QLMP-ED45-TV0FE
HLMP-EL33-UXRDD	QLMP-HD95-TXTDD	QLMP-ED46-TU0FE
HLMP-EL33-VYRDD	QLMP-HD96-SVTTY	QLMP-EG46-JK0DD
HLMP-EL57-LP000	QLMP-HD97-NNTDD	QLMP-EG50-NR0DD
HLMP-EL57-LP0DD	QLMP-HD97-PPTDD	QLMP-EG79-PR0DD
HLMP-EL57-MNYDD	QLMP-HD98-TUTZZ	QLMP-EL79-VWRDD
HLMP-FD05-LP000	QLMP-HD98-TV0ZZ	QLMP-EG95-QRZDD
HLMP-FL05-LP000	QLMP-HD98-TV0ZZ	QLMP-EG98-GK000
HLMP-HD55-NR0YY	QLMP-HD98-UVTZZ	QLMP-EJ98-PR0ZZ
HLMP-HD55-NR0ZZ	QLMP-HL97-NN2DD	QLMP-EJ98-PRZZZ
HLMP-HD55-NRTYY	QLMP-HL97-NN4DD	QLMP-EJ99-SVZDD
HLMP-HD55-NRTZZ	QLMP-HL97-NN6DD	QLMP-EJ99-SVZZZ
HLMP-HD55-PQTZZ	QLMP-HL97-PP2DD	QLMP-EL14-VV2DD
HLMP-HD56-MNTDD	QLMP-HL97-PP4DD	QLMP-EL14-VV4DD
HLMP-HD56-MQ0DD	QLMP-HL97-PP6DD	QLMP-EL14-WW2DD
HLMP-HD56-PQTZZ	QLMP-LD89-SSTZZ	QLMP-EL14-WW4DD
HLMP-HD57-MN000	QLMP-LD89-TTTZZ	QLMP-EL36-RR2DD
HLMP-HD57-MNT00	QLMP-LD91-NRTZZ	QLMP-EL36-RR4DD
HLMP-HD57-MNTDD	QLMP-LD92-NRPYY	QLMP-EL36-SS2DD
HLMP-HD57-NP000	QLMP-LD94-NN0DD	QLMP-EL36-SS4DD
HLMP-HD57-NP0DD	QLMP-LD94-NNTDD	QLMP-EL43-RRP00
HLMP-HD57-NP0ZZ	QLMP-LD94-PP0DD	QLMP-EL47-MQKDD
HLMP-HD57-NPT00	QLMP-LD94-PPTDD	QLMP-EL50-PSKDD
HLMP-HD57-NPTDD	QLMP-LD95-TXTZZ	QLMP-EL87-T0PDD
HLMP-HD57-NPTDU	QLMP-LD96-NNTDD	QLMP-EL88-T0LDD
HLMP-HD57-NR000	QLMP-LD96-PPTDD	QLMP-EL88-T0PDD
HLMP-HD57-NR0DD	QLMP-LD97-NNTDD	QLMP-EL90-PS0DD
HLMP-HD57-NR0YY	QLMP-LD97-PPTDD	QLMP-EL97-LM000
HLMP-HD57-NR0ZZ	QLMP-LD98-NR0ZZ	QLMP-EL97-PS000
HLMP-HD57-NRTDD	QLMP-LD98-PR0ZZ	QLMP-LH99-KM0ZZ
HLMP-HD57-NRTZZ	QLMP-RL49-LN000	QLMP-ML99-MM0DD
HLMP-HD57-PQ000	QLMP-RL49-LN0DD	QLMP-ML99-NN0DD
HLMP-HD57-PQ0DD	QLMP-RL99-LPKDD	QLMP-SL99-MNLDD
HLMP-HD57-PQ0ZZ		QLMP-UL99#001

Phase 2:

HLMA-EL20-H0000	HLMP-EL10-X1000	HLMP-EL30-QT000
HLMA-KH00-J0000	HLMP-EL10-X10DD	HLMP-EL30-QT0DD
HLMA-KL00-I0000	HLMP-EL10-X1K00	HLMP-EL30-QTK00
HLMA-KL00-MQ000	HLMP-EL10-X1KDD	HLMP-EL30-QTKDD
HLMP-AL01-L00DD	HLMP-EL10-X1LDD	HLMP-EL30-ST0DD
HLMP-AL01-LP000	HLMP-EL10-Z1K00	HLMP-EL30-ST4DD

HLMP-AL01-N00DD	HLMP-EL15-PS000	HLMP-EL30-STK00
HLMP-AL01-NR000	HLMP-EL15-PS0DD	HLMP-EL30-STKDD
HLMP-AL01-PQKDD	HLMP-EL15-QSK00	HLMP-EL30-SU400
HLMP-BD16-NP0DD	HLMP-EL15-QT000	HLMP-EL30-SU4DD
HLMP-BD16-P0000	HLMP-EL15-QT0DD	HLMP-EL30-SUKDD
HLMP-BD16-P00DD	HLMP-EL15-RSKDD	HLMP-EL30-SV000
HLMP-BD16-QRT00	HLMP-EL15-RU000	HLMP-EL30-SVK00
HLMP-BD16-RU0ZZ	HLMP-EL15-SV000	HLMP-EL30-SVKDD
HLMP-BD16-RUTYY	HLMP-EL15-TV400	HLMP-EL31-P0000
HLMP-BD16-RUTZZ	HLMP-EL15-TW000	HLMP-EL31-QT000
HLMP-BD16-ST0DD	HLMP-EL15-TW0DD	HLMP-EL31-QT0DD
HLMP-BD16-STTDD	HLMP-EL15-TWK00	HLMP-EL31-QTR00
HLMP-BL16-N0000	HLMP-EL15-TWKDD	HLMP-EL31-QTTDD
HLMP-BL16-N00DD	HLMP-EL15-UX000	HLMP-EL31-STR00
HLMP-BL16-PS0YY	HLMP-EL15-UX0DD	HLMP-EL31-SUR00
HLMP-BL16-PS0ZZ	HLMP-EL15-UX200	HLMP-EL31-SUS00
HLMP-BL16-PSRYY	HLMP-EL15-UX2DD	HLMP-EL31-SUSDD
HLMP-BL16-PSRZZ	HLMP-EL15-UX400	HLMP-EL31-SV000
HLMP-BL16-QRS00	HLMP-EL15-UX4DD	HLMP-EL31-SV0DD
HLMP-BL16-QRY00	HLMP-EL15-UXKDD	HLMP-EL31-SVK00
HLMP-BL16-QTRZZ	HLMP-EL15-VW000	HLMP-EL31-SVKDD
HLMP-ED16-S0000	HLMP-EL15-VW2DD	HLMP-EL31-SVR00
HLMP-ED16-S00DD	HLMP-EL15-VW400	HLMP-EL31-SVRDD
HLMP-ED16-TW000	HLMP-EL15-VW4DD	HLMP-EL31-SVS00
HLMP-ED16-TW0DD	HLMP-EL15-VWKDD	HLMP-EL31-SVSDD
HLMP-ED16-UX000	HLMP-EL15-VY000	HLMP-EL31-TU000
HLMP-ED16-UX0DD	HLMP-EL15-VY0DD	HLMP-EL31-TUK00
HLMP-ED16-V0TDD	HLMP-EL15-VYK00	HLMP-EL31-TUR00
HLMP-ED16-VX000	HLMP-EL15-VYKDD	HLMP-EL31-TUY00
HLMP-ED16-VX0DD	HLMP-EL15-WZ000	HLMP-EL31-TUYDD
HLMP-ED16-VXT00	HLMP-EL15-WZKDD	HLMP-EL31-TUYZZ
HLMP-ED16-VXTDD	HLMP-EL16-TW000	HLMP-EL31-TWR00
HLMP-ED16-WW000	HLMP-EL16-TW0DD	HLMP-EL31-TWRDD
HLMP-ED16-WXTDD	HLMP-EL16-UX000	HLMP-EL31-TWS00
HLMP-ED16-WZ0DD	HLMP-EL16-UX0DD	HLMP-EL31-TWSDD
HLMP-ED25-R0000	HLMP-EL16-VW0DD	HLMP-EL31-UVKZZ
HLMP-ED25-RU000	HLMP-EL16-VX0DD	HLMP-EL31-UVS00
HLMP-ED25-RUT00	HLMP-EL16-VX400	HLMP-EL31-UVSDD
HLMP-ED25-SV000	HLMP-EL16-VY000	HLMP-EL31-UVY00
HLMP-ED25-SV0DD	HLMP-EL16-VY0DD	HLMP-EL31-UWYDD
HLMP-ED25-TW000	HLMP-EL16-VYKDD	HLMP-EL31-VYRDD
HLMP-ED25-TW0DD	HLMP-EL16-VYR00	HLMP-EL32-K0000
HLMP-ED25-TWT00	HLMP-EL16-VYS00	HLMP-EL32-NR000
HLMP-ED25-TWTDD	HLMP-EL16-VYSDD	HLMP-EL32-PQ0DD
HLMP-ED25-UX0DD	HLMP-EL16-WZ0DD	HLMP-EL32-PS000
HLMP-ED25-UXT00	HLMP-EL16-WZR00	HLMP-EL32-PS002
HLMP-ED25-UXTDD	HLMP-EL16-WZRDD	HLMP-EL32-PS0DD
HLMP-ED25-VWTDD	HLMP-EL16-X1RDD	HLMP-EL32-QT000
HLMP-ED25-VXTDD	HLMP-EL17-M0000	HLMP-EL32-QT0DD
HLMP-ED31-Q0000	HLMP-EL17-PS000	HLMP-EL32-RU0DD

HLMP-ED31-Q0T00	HLMP-EL17-QTKDD	HLMP-EL32-SUKDD
HLMP-ED31-QT000	HLMP-EL17-SV000	HLMP-EL32-SV000
HLMP-ED31-QTT00	HLMP-EL17-TV4DD	HLMP-EL55-GHKDD
HLMP-ED31-QTTDD	HLMP-EL17-TW000	HLMP-EL55-GK0DD
HLMP-ED31-RU000	HLMP-EL17-UX000	HLMP-EL55-HJKDD
HLMP-ED31-RUT00	HLMP-EL17-VW400	HLMP-EL55-HJKDU
HLMP-ED31-ST000	HLMP-EL17-VW4DD	HLMP-EL55-JKKDU
HLMP-ED31-ST0DD	HLMP-EL17-VWKDD	HLMP-EL55-JKLDD
HLMP-ED31-SUT00	HLMP-EL17-VWKZZ	HLMP-EL55-LP000
HLMP-ED31-SUTDD	HLMP-EL17-VY000	HLMP-EL56-GHKDD
HLMP-ED31-SV000	HLMP-EL18-S0000	HLMP-EL58-LP0DD
HLMP-ED31-SV0DD	HLMP-EL18-UX000	HLMP-HD57-MN000
HLMP-ED31-SVT00	HLMP-EL18-UX0DD	HLMP-HD57-MNT00
HLMP-ED31-SVT02	HLMP-EL18-VWKDD	HLMP-HD57-MNTDD
HLMP-ED31-SVTDD	HLMP-EL18-VY000	HLMP-HD57-NP000
HLMP-ED31-TV0DD	HLMP-EL18-VY0DD	HLMP-HD57-NP0DD
HLMP-ED31-TV000	HLMP-EL18-VYR00	HLMP-HD57-NP0ZZ
HLMP-ED31-TV0DD	HLMP-EL18-VYRDD	HLMP-HD57-NPT00
HLMP-ED31-UV0DD	HLMP-EL18-VYS00	HLMP-HD57-NPTDD
HLMP-ED31-UVT00	HLMP-EL18-VYU00	HLMP-HD57-NPTDU
HLMP-ED31-UVTDD	HLMP-EL18-VYUDD	HLMP-HD57-NR000
HLMP-ED31-UVTZZ	HLMP-EL18-WW2DD	HLMP-HD57-NR0DD
HLMP-ED31-UWT00	HLMP-EL18-WW4DD	HLMP-HD57-NR0YY
HLMP-ED31-UWTDD	HLMP-EL18-WX0DD	HLMP-HD57-NR0ZZ
HLMP-ED31-VYT00	HLMP-EL18-WX2DD	HLMP-HD57-NRTDD
HLMP-EG08-T0000	HLMP-EL18-WX4DD	HLMP-HD57-NRTZZ
HLMP-EG08-VY000	HLMP-EL18-WXRDD	HLMP-HD57-PQ000
HLMP-EG08-WZ000	HLMP-EL18-WZR00	HLMP-HD57-PQ0DD
HLMP-EG08-WZ0DD	HLMP-EL18-WZRDD	HLMP-HD57-PQ0ZZ
HLMP-EG08-X1000	HLMP-EL18-X1RDD	HLMP-HD57-PQTZZ
HLMP-EG08-X10DD	HLMP-EL18-XX2DD	QLMA-EL39
HLMP-EG08-Y2000	HLMP-EL18-XX4DD	QLMA-EL39-K0KDD
HLMP-EG08-Y20DD	HLMP-EL18-XYK00	QLMA-KL40-MNMDD
HLMP-EG08-YZ000	HLMP-EL18-XYRDD	QLMA-KL46-MNLDD
HLMP-EG08-YZ0DD	HLMP-EL18-XXS00	QLMA-KL47
HLMP-EG08-Z2000	HLMP-EL24-L0000	QLMP-EG47-LM0DD
HLMP-EG08-Z20DD	HLMP-EL24-MQ000	QLMP-EG48-NR000
HLMP-EG15-N0000	HLMP-EL24-NR000	QLMP-EG48-NR0DD
HLMP-EG15-PS000	HLMP-EL24-PS000	QLMP-EG48-PR000
HLMP-EG15-QT000	HLMP-EL24-PS0DD	QLMP-EJ49-WZPDD
HLMP-EG15-QT0DD	HLMP-EL24-PSA00	QLMP-EJ49-WZPDF
HLMP-EG15-RU000	HLMP-EL24-PSKZZ	QLMP-EL49-PSKDD
HLMP-EG15-SV000	HLMP-EL24-QR000	QLMP-UL26#002
HLMP-EG15-TW000	HLMP-EL24-QRK00	QLMT-DH89#2CB
HLMP-EG15-TW0DD	HLMP-EL24-QS400	HLMP-EG12-UX0DD
HLMP-EG15-UX000	HLMP-EL24-QT000	HLMP-EG12-VY000
HLMP-EG15-UX0DD	HLMP-EL24-QT0DD	HLMP-EG12-VY0DD
HLMP-EG24-M0000	HLMP-EL24-QTK00	HLMP-EG12-WX0DD
HLMP-EG24-PQ0DD	HLMP-EL24-QTKDD	HLMP-EG13-UX0DD
HLMP-EG24-PS000	HLMP-EL24-RU000	HLMP-EG13-VY0DD

HLMP-EG24-PS002	HLMP-EL24-RUK00	HLMP-EG22-UX000
HLMP-EG24-PS0DD	HLMP-EL24-STKDD	HLMP-EG22-UX0DD
HLMP-EG24-PS0YY	HLMP-EL24-SU400	HLMP-EG22-VW000
HLMP-EG24-QT000	HLMP-EL24-SUK00	HLMP-EG22-VW0DD
HLMP-EG24-RS0DD	HLMP-EL24-SV000	HLMP-EG23-UX000
HLMP-EG24-RU000	HLMP-EL24-SV2DD	HLMP-EG23-UX0DD
HLMP-EG24-RU0DD	HLMP-EL24-SVK00	HLMP-EG35-TW000
HLMP-EG24-SV000	HLMP-EL24-TW000	HLMP-EG35-TW0DD
HLMP-EG24-SV0DD	HLMP-EL24-TW0DD	HLMP-EG35-UV0DD
HLMP-EG26-M0000	HLMP-EL24-TW4DD	HLMP-EG37-TW000
HLMP-EG26-PS000	HLMP-EL24-TWK00	HLMP-EG37-TW0ZZ
HLMP-EG26-PS0DD	HLMP-EL24-TWKDD	HLMP-EG37-TW0DD
HLMP-EG26-RU000	HLMP-EL25-Q0000	HLMP-EG37-UV0DD
HLMP-EG26-RU0DD	HLMP-EL25-QT0DD	HLMP-EG37-WX0DD
HLMP-EG30-K0000	HLMP-EL25-RU000	HLMP-EH12-VY000
HLMP-EG30-KN000	HLMP-EL25-RUS00	HLMP-EH12-VY0DD
HLMP-EG30-KN0DD	HLMP-EL25-SUK00	HLMP-EH12-YZ0DD
HLMP-EG30-LP0DD	HLMP-EL25-SUS00	HLMP-EH13-VY0DD
HLMP-EG30-MQ000	HLMP-EL25-SV000	HLMP-EH22-TW000
HLMP-EG30-MQ0DD	HLMP-EL25-SV0DD	HLMP-EH22-TW0DD
HLMP-EG30-NQ000	HLMP-EL25-SVK00	HLMP-EH23-TW0DD
HLMP-EG30-NQ0DD	HLMP-EL25-SVRDD	HLMP-EH35-SV000
HLMP-EG30-NR000	HLMP-EL25-TW000	HLMP-EH35-SV0DD
HLMP-EG30-NR0DD	HLMP-EL25-TW0DD	HLMP-EH37-SV0DD
HLMP-EG30-PQ000	HLMP-EL25-TW400	HLMP-EL12-VY000
HLMP-EG30-PQ0DD	HLMP-EL25-TW4DD	HLMP-EL12-VY0DD
HLMP-EG30-PQ0DU	HLMP-EL25-TWK00	HLMP-EL12-XYKDD
HLMP-EG30-PR000	HLMP-EL25-TWKDD	HLMP-EL12-YZ2DD
HLMP-EG30-PS000	HLMP-EL25-TWR00	HLMP-EL13-VY0DD
HLMP-EG30-PS0DD	HLMP-EL25-TWRDD	HLMP-EL13-XX2DD
HLMP-EG30-QT000	HLMP-EL25-TWS00	HLMP-EL13-XX4DD
HLMP-EG30-QT0DD	HLMP-EL25-TWSDD	HLMP-EL13-XYKDD
HLMP-EG30-RS0DD	HLMP-EL25-UV400	HLMP-EL13-YY2DD
HLMP-EG32-K0000	HLMP-EL25-UV4DD	HLMP-EL13-YY4DD
HLMP-EG32-MQ000	HLMP-EL25-UVUZZ	HLMP-EL22-UX000
HLMP-EG32-MQ0DD	HLMP-EL25-UVYDD	HLMP-EL22-UX0DD
HLMP-EG32-NR000	HLMP-EL25-UX000	HLMP-EL22-UXKDD
HLMP-EG32-NR0DD	HLMP-EL25-UX0DD	HLMP-EL22-VW4DD
HLMP-EG32-PS000	HLMP-EL25-UXR00	HLMP-EL22-VWKDD
HLMP-EG32-QT000	HLMP-EL25-UXRDD	HLMP-EL22-VXK00
HLMP-EG32-QT0DD	HLMP-EL25-UXSDD	HLMP-EL22-VXKDD
HLMP-EG32-RU0DD	HLMP-EL25-VXKDD	HLMP-EL23-UX0DD
HLMP-EH15-QT002	HLMP-EL25-VXSDD	HLMP-EL23-UXKDD
HLMP-EH15-RU000	HLMP-EL25-VXY00	HLMP-EL35-TW000
HLMP-EH15-RU0DD	HLMP-EL26-L0000	HLMP-EL35-TW0DD
HLMP-EH15-TW000	HLMP-EL26-PS000	HLMP-EL35-TWKDD
HLMP-EH15-UX000	HLMP-EL26-PS002	HLMP-EL35-UVKDD
HLMP-EH30-MQ000	HLMP-EL26-QT000	HLMP-EL35-VWKDD
HLMP-EH30-NR0DD	HLMP-EL26-QT002	HLMP-EL35-VY0DD
HLMP-EH30-PS000	HLMP-EL26-QT0DD	HLMP-EL37-TW000

HLMP-EH30-QT000	HLMP-EL26-RU000	HLMP-EL37-TWMZZ
HLMP-EH30-RU000	HLMP-EL26-SV000	HLMP-EL37-TW0DD
HLMP-EH31-QT000	HLMP-EL26-SV0DD	HLMP-EL37-TWKDD
HLMP-EH31-SV000	HLMP-EL26-TW000	HLMP-EL37-UU2DD
HLMP-EH31-SV0DD	HLMP-EL26-TW0DD	HLMP-EL37-UU4DD
HLMP-EH31-SVTDD	HLMP-EL26-TWKDD	HLMP-EL37-UVKDD
HLMP-EH31-TWTDD	HLMP-EL26-TWKZZ	HLMP-EL37-VV2DD
HLMP-EH31-UV0DD	HLMP-EL27-Q0000	HLMP-EL37-VV4DD
HLMP-EH31-UVZDD	HLMP-EL27-QTR00	HLMP-EL37-VVKDD
HLMP-EH31-VW0DD	HLMP-EL27-SV000	HLMP-EL37-VY0DD
HLMP-EJ32-PS000	HLMP-EL27-SVR00	HLMP-EL37-VYLDD
HLMP-EJ32-PS0DD	HLMP-EL27-SVRDD	HLMP-EL37-VYMDD
HLMP-EL08-VX4DD	HLMP-EL27-TW000	HLMP-HG63-TX0DD
HLMP-EL08-VY000	HLMP-EL27-TW0DD	HLMP-HG63-TX0ZZ
HLMP-EL08-VY0DD	HLMP-EL27-TWK00	QLMP-EG45-UW0FE
HLMP-EL08-VY0YY	HLMP-EL27-TWKDD	QLMP-EL77-VWZDD
HLMP-EL08-VY200	HLMP-EL27-TWR00	QLMP-EL78-UU4DU
HLMP-EL08-VYK00	HLMP-EL27-TWRDD	QLMP-EL78-UU6DU
HLMP-EL08-VYKDD	HLMP-EL27-UVRDD	QLMP-EL78-VV4DU
HLMP-EL08-WZ000	HLMP-EL27-UVYDD	QLMP-EL78-VV6DU
HLMP-EL08-X1000	HLMP-EL27-UW0DD	QLMP-EL85-VX4DD
HLMP-EL08-X10DD	HLMP-EL27-UWRDD	HLMP-AD30-UX000
HLMP-EL08-X1K00	HLMP-EL27-UXRDD	HLMP-AD31-UX000
HLMP-EL08-X1KDD	HLMP-EL27-VWRDD	HLMP-AD31-UX0DD
HLMP-EL08-X1L00	HLMP-EL27-VXSDD	HLMP-AL30-TW000
HLMP-EL08-XYK00	HLMP-EL30-K0000	HLMP-AL31-TW000
HLMP-EL08-XYKDD	HLMP-EL30-LP000	HLMP-AL31-TW0DD
HLMP-EL08-Y20DD	HLMP-EL30-LP0DD	HLMP-AL31-VWLDD
HLMP-EL08-Y24DD	HLMP-EL30-MQ000	HLMP-HD30-SV000
HLMP-EL08-Z2000	HLMP-EL30-PQ000	HLMP-HD30-SV0ZZ
HLMP-EL08-Z3K00	HLMP-EL30-PQ0DD	HLMP-HD31-SV000
HLMP-EL08-Z3L00	HLMP-EL30-PQLDD	HLMP-HD31-SV0DD
HLMP-EL10-13K00	HLMP-EL30-PR400	HLMP-HD31-TUZDD
HLMP-EL10-T0000	HLMP-EL30-PS000	HLMP-HL30-RU000
HLMP-EL10-VY000	HLMP-EL30-PS0DD	HLMP-HL30-RU0ZZ
HLMP-EL10-VY0DD	HLMP-EL30-PS0DU	HLMP-HL31-RSLDD
HLMP-EL10-VYKDD	HLMP-EL30-PSK00	HLMP-HL31-RU000
HLMP-EL10-WXKDD	HLMP-EL30-PSKDD	HLMP-HL31-RU0DD
HLMP-EL10-WZ0DD		HLMP-HL31-RUL00

Phase 3:

HLMP-CW15-TW000	HLMP-CB30-K00DD	HLMP-CM30-S0000
HLMP-CW15-TW0DD	HLMP-CB30-KN0YY	HLMP-CM30-S00DD
HLMP-CW15-TWBLZ	HLMP-CB30-M0000	HLMP-CM30-TUCDD
HLMP-CW15-UVBDD	HLMP-CB30-M00DD	HLMP-CM30-TW000
HLMP-CW15-UX200	HLMP-CB30-MQ000	HLMP-CM30-TWADD
HLMP-CW15-UX2DD	HLMP-CB30-NRG00	HLMP-CM30-UVA00
HLMP-CW15-VWBDD	HLMP-CB30-NRGDD	HLMP-CM30-UVCDD
HLMP-CW15-VY000	HLMP-CB30-PQC00	HLMP-CM31-00002
HLMP-CW15-VY0DD	HLMP-CB30-PQCDD	HLMP-CM31-M0000
HLMP-CW15-VYBDD	HLMP-CB30-PQCY Y	HLMP-CM31-M00DD

HLMP-CW15-VYG00	HLMP-CB31-M0000	HLMP-CM31-S0000
HLMP-CW15-VYK00	HLMP-CB31-M0GDD	HLMP-CM31-S00DD
HLMP-CW15-VYKDD	HLMP-CB31-M0GZZ	HLMP-CM31-S0DZZ
HLMP-CW16-R0000	HLMP-CB31-NRBDD	HLMP-CM31-TUCDD
HLMP-CW16-TW000	HLMP-CB31-NRG00	HLMP-CM31-TW0DD
HLMP-CW16-TW0DD	HLMP-CB31-NRGDD	HLMP-CM31-TWA00
HLMP-CW16-UX200	HLMP-CB31-PQCDD	HLMP-CM31-UVCDD
HLMP-CW16-VY000	HLMP-CB31-QRCDD	HLMP-CM31-VWCDD
HLMP-CW16-VY0DD	HLMP-CE15-VWC00	HLMP-FB00-E0000
HLMP-CW23-SV000	HLMP-CE15-VWCDD	HLMP-FB00-EHC00
HLMP-CW23-SV0DD	HLMP-CE15-WZC00	HLMP-FM00-K0000
HLMP-CW23-SVKDD	HLMP-CE15-WZCDD	HLMP-HB54-FJ0DD
HLMP-CW23-TW000	HLMP-CE15-WZQ00	HLMP-HB54-HL000
HLMP-CW23-TW0DD	HLMP-CE15-WZQDD	HLMP-HB55-FJ000
HLMP-CW24-SV000	HLMP-CE16-UXQ00	HLMP-HB55-FJ0DD
HLMP-CW24-SV0DD	HLMP-CE16-WZB00	HLMP-HB55-HJCDD
HLMP-CW24-TW000	HLMP-CE16-WZC00	HLMP-HB55-JKCDD
HLMP-CW24-TW0DD	HLMP-CE16-WZCDD	HLMP-HM54-QRBDD
HLMP-CW30-PS000	HLMP-CE16-WZQ00	HLMP-HM54-MQ0DD
HLMP-CW30-PS0DD	HLMP-CE16-WZQDD	HLMP-HM54-QRFDD
HLMP-CW30-QR3DD	HLMP-CE23-UVCDD	HLMP-HM55-MQ000
HLMP-CW30-RU000	HLMP-CE23-UXC00	HLMP-HM55-NPCDD
HLMP-CW30-STBDD	HLMP-CE23-UXCDD	HLMP-HM55-PQCDD
HLMP-CW30-SV000	HLMP-CE23-UXQ00	HLMP-LB11-FJ000
HLMP-CW30-SV0DD	HLMP-CE23-UXQDD	HLMP-LB11-HJCDU
HLMP-CW30-SV2DD	HLMP-CE23-VWC00	HLMP-LB11-HL000
HLMP-CW31-M0000	HLMP-CE23-VWCDD	HLMP-LB11-JKCDD
HLMP-CW31-PS000	HLMP-CE23-VWQDD	HLMP-LB11-KN0ZZ
HLMP-CW31-PS0DD	HLMP-CE23-VXQ00	HLMP-LB15-KN0YY
HLMP-CW31-SV000	HLMP-CE23-VYC00	HLMP-LB15-KN0ZZ
HLMP-CW31-SV0DD	HLMP-CE23-VYCDD	HLMP-LB15-LM0YY
HLMP-CW70-LMB00	HLMP-CE24-UX0ZZ	HLMP-LB15-LM0ZZ
HLMP-CW70-LP000	HLMP-CE24-UXC00	HLMP-LB15-LMBZZ
HLMP-CW70-LP0DD	HLMP-CE24-UXCDD	HLMP-LM11-LP000
HLMP-CW70-LP100	HLMP-CE24-UXQ00	HLMP-LM11-LP0DD
HLMP-CW70-LP200	HLMP-CE24-UXQDD	HLMP-LM11-MNCDD
HLMP-CW72-LP000	HLMP-CE24-VXQ00	HLMP-LM11-NR000
HLMP-CW72-LP0DD	HLMP-CE24-VXQDD	HLMP-LM11-NR0DD
HLMP-FW00-JM000	HLMP-CE24-VYC00	HLMP-LM11-PQCDD
HLMP-KW50-MQ000	HLMP-CE24-VYCDD	HLMP-LM11-QRCDD
HLMP-KW50-PQB00	HLMP-CE24-VYQ00	HLMP-LM11-QRCDU
HLMP-KW50-QS000	HLMP-CE24-VYQDD	HLMP-LM11-QT0ZZ
HLMP-LB15-KN0YY	HLMP-CE30-RSC00	HLMP-LM15-QT0YY
HLMP-LB15-KN0ZZ	HLMP-CE30-RUCDD	HLMP-LM15-QT0ZZ
HLMP-LB15-LM0YY	HLMP-CE30-STQDD	HLMP-LM15-RS0YY
HLMP-LB15-LM0ZZ	HLMP-CE30-SVC00	HLMP-LM15-RS0ZZ
HLMP-LB15-LMBZZ	HLMP-CE30-SVCDD	QLMP-AB48-LMC00
HLMP-LM15-QT0YY	HLMP-CE30-SVQ00	QLMP-AM49-N0000
HLMP-LM15-QT0ZZ	HLMP-CE30-SVQDD	QLMP-CB85-R0000
HLMP-LM15-RS0YY	HLMP-CE31-SVC00	QLMP-CE97-WZ7DD

HLMP-LM15-RS0ZZ	HLMP-CE31-SVCDD	QLMP-CM89-P00DD
HLMP-LW15-LP0DD	HLMP-CE31-SVQ00	QLMP-LB91-JM0ZZ
HLMP-LW15-MQADD	HLMP-CE31-SVQDD	QLMP-LB98-JM0ZZ
QLMP-CW71-M0B00	HLMP-CM15-00002	QLMP-LB99-JM0ZZ
QLMP-CW97-SVPDD	HLMP-CM15-S0000	QLMP-LM91-QT0ZZ
QLMP-CW98-VYPDD	HLMP-CM15-S00DD	QLMP-LM98-QT0ZZ
QLMP-CW99-TUBDD	HLMP-CM15-SV0YY	QLMP-LM99-QT0ZZ
QLMP-LB95-MS0ZZ	HLMP-CM15-VY000	HLMP-LB63-QSCYY
QLMP-LM95-VZ0ZZ	HLMP-CM15-VY0DD	HLMP-LB63-PT0ZZ
HLMP-CB15-P0000	HLMP-CM15-W0000	HLMP-LB63-QRBZZ
HLMP-CB15-P00DD	HLMP-CM15-W0A00	HLMP-LB63-QSBZZ
HLMP-CB15-PSBLZ	HLMP-CM15-WXB00	HLMP-LB63-QSCZZ
HLMP-CB15-QT000	HLMP-CM15-WXBDD	HLMP-LM63-X20ZZ
HLMP-CB15-QT0DD	HLMP-CM15-WZ0DD	HLMP-LM63-XYBZZ
HLMP-CB15-R0000	HLMP-CM15-WZ0YY	HLMP-LM63-XZCYY
HLMP-CB15-R00DD	HLMP-CM16-S0000	HLMP-LM63-XZBZZ
HLMP-CB15-RSC00	HLMP-CM16-VY000	HLMP-LM63-XZCZZ
HLMP-CB15-RSCDD	HLMP-CM16-VY0DD	HLMP-LM63-Z1CZZ
HLMP-CB16-P0000	HLMP-CM16-WYGDD	HLMP-HB63-QU0DD
HLMP-CB16-QT000	HLMP-CM30-M0000	HLMP-HB63-QU0ZZ
HLMP-CB16-QT0DD	HLMP-CM30-RSB00	HLMP-HM63-Y30DD
HLMP-CB30-K0000		HLMP-HM63-Y30ZZ

Description and Extent of Change:

1. To proliferate AlInGaP and InGaN Through Hole Lamps manufacturing to alternate facility in Shenzhen, China. As this is an alternate manufacturing site for Avago, the Lamps may either be built at our existing Avago facilities in Malaysia or China as well as both sites when required.
2. The facility in China will have additional ball bond on stitch.

Reasons for Change:

1. To ensure consistency of supply and on-time delivery to customer.
2. To differentiate between existing contract manufacturer and new contract manufacturer.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no change on fit and function. There will be a form change due to additional ball bond on stitch as illustrated below. Qualification is in progress.

Normal Bond:



Additional ball bond on stitch:



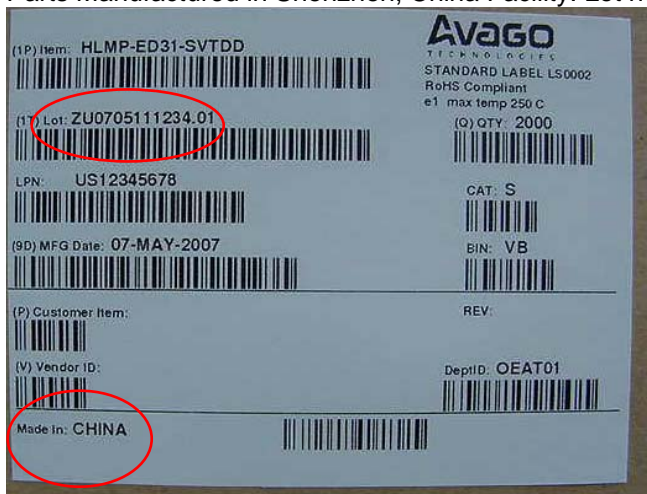
Effective Date of Change:

Alternate manufacturing site and wire bond method proliferation for Phase 1 will begin in 27th Aug 2007, Phase 2 will begin in 29th Oct 2007, and Phase 3 will begin in 24th Dec 2007.

Parts identification:

Parts manufactured in China facility is differentiated by “U” on the lot number and also state “Made In: China” as indicated below.

Parts Manufactured in Shenzhen, China Facility: Lot number **With** “U” and “Made In: China” statement.



Qualification Data:

Qualification data will be provided by phases upon request. Data will be available for Phase 1 in 30th July 2007, Phase 2 in 1st Oct 2007, and Phase 3 in 26th Nov 2007.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.