

## Product Change Notice

**Issue Date: 30th July 2014**

### **Change Type:**

Please be informed that Avago Technologies is making the following product changes on PLCC LEDs listed below:

Introduction of an alternate manufacturing site for PLCC LED part numbers as per below:

### **Parts Affected:**

|                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| ASMT-QABD-AEF0E | ASMT-QWBF-NKLQE | ASMT-TGBM-NT7B2 | HSMF-A211-A00J1 | QSMT-QHND-AFH0E |
| ASMT-QABD-AEFJE | ASMT-QWBF-NKLRE | ASMT-TGBM-NU3B2 | HSMF-A212-A00J1 | QSMT-QRB1-AFG0E |
| ASMT-QBB3-NBD0E | ASMT-QYBC-NJK0E | ASMT-TWBM-NV702 | HSMF-A222-A00J1 | QSMT-QWB1-NKLFE |
| ASMT-QBB3-NBDAE | ASMT-QYBC-NJKAE | ASMT-TWBM-NV7H2 | HSMF-A226-A00J1 | QSMT-QWBL-NJKFE |
| ASMT-QHBD-AFG0E | ASMT-QYBC-NJKBE | ASMT-TWBM-NV8H2 | HSMF-B226-A00J1 | QSMT-QWDL-NJKZE |
| ASMT-QHBD-AFH0E | ASMT-QYBC-NJKDE | HSMA-A100-Q00H1 | HSMM-A101-R00H1 | QSMT-QWGR-NJKGE |
| ASMT-QRBD-AEF0E | ASMT-QYBC-NJKFE | HSMC-A100-N00H1 | HSMW-A100-V4MH1 | QSMT-QWPS-NKLZE |
| ASMT-QRBD-AFG0E | ASMT-QYBF-NJK0E | HSME-A100-L7YH1 | QSMF-A352-G3PJ1 | QSMT-QWVW-NJKZE |
| ASMT-QWBC-NJKLE | ASMT-QYBF-NJKAE | HSMF-A201-A00J1 | QSMF-A353-G3PJ1 | QSMT-TGM2-NQ301 |
| ASMT-QWBC-NJKQE | ASMT-QYBF-NJKCE | HSMF-A202-A00J1 | QSMR-LD0A-AGH0D | QSMT-TGM2-NQ401 |
| ASMT-QWBF-NKL0E | ASMT-QYBF-NJKEE | HSMF-A203-A00J1 | QSMT-QAGR-AEFJE | QSMT-TWUD-NV5Z2 |
| ASMT-QWBF-NKLCE | ASMT-QYBF-NJKGE | HSMF-A204-A00J1 | QSMT-QAGR-AFGJE | QSMT-TZBM-NN40B |
| ASMT-QWBF-NKLDE | ASMT-TBBM-NS402 | HSMF-A205-A00J1 | QSMT-QAVE-A0BH5 | QSMT-TZM1-NR801 |
| ASMT-QWBF-NKLFE | ASMT-TGBM-NT502 | HSMF-A206-A00J1 | QSMT-QHGR-A9G0E | QSMT-TZWM-NR7J1 |
| QSMT-YTB2-ZBA0Z | QZMT-QRB1-AFG0E | ASMT-YTB2-ZBB02 | AZMT-QWBF-NKLQE | ASMR-LD0A-AGH0D |

### **Description and Extent of Change:**

The selected manufacturing site has undergone Avago Technologies's qualification process and is deemed suitable as alternate manufacturing site for PLCC LEDs.

### **Reasons for Change:**

To ensure continuity of supply chain.

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

There is no effect on fit and function as per datasheet. Qualification and characterization have been conducted to ensure both current and alternate manufacturing site are comparable. The current and alternate manufacturing site for PLCC LED can be identified through the country of origin that indicated on the Mother Label and Baby Label. The country of origin on the mother label and baby label for current manufacturing site for PLCC LED will be from Taiwan and country of origin for alternate manufacturing site for PLCC LED will be from China.

Comparison of PLCC LED manufactured from current and alternate manufacturing sites as below:

|              | Current Manufacturing Site                                                                                                                                                                                                                                                                             | Alternate Manufacturing Site                                                                                                                                                                                                                                                                                     |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mother Label | <p>(1P)Item: <b>HSMC – A160 – Q00J1</b></p> <p>(1T)Lot: <b>Z103J0027203</b> (Q)QTY: 2000</p> <p>LPN: <b>UT10350220</b> CAT: <b>R1</b></p> <p>(9D)MFG Date: <b>01 – MAR – 2010</b> BIN:</p> <p>(P)Customer Item:</p> <p>(V)Vendor ID:</p> <p>Dept ID: <b>CMTLED</b></p> <p>Made In: <b>TAIWAN</b></p>   | <p>(1P)Item: <b>HSMA – A149 – Q00J1</b></p> <p>(1T)Lot: <b>Y20100413001</b> (Q)QTY: 2000</p> <p>LPN: <b>UL10400001</b> CAT: <b>Q1</b></p> <p>(9D)MFG Date: <b>12 – APR – 2010</b> BIN: <b>B</b> VF:</p> <p>(P)Customer Item:</p> <p>(V)Vendor ID:</p> <p>Dept ID: <b>CMTLED</b></p> <p>Made In: <b>CHINA</b></p> |
| Baby Label   | <p>(1P)PART#: <b>HSMC – A160 – Q00J1</b></p> <p>(1T)LOT#: <b>Z103J0027203</b></p> <p>(9D)MFG Date: <b>01 – MAR – 2010</b></p> <p><b>C/O TAIWAN</b></p> <p>(1T)TAPE DATE: <b>05 – MAR – 2010</b></p> <p>(Q)QUANTITY: 2000</p> <p>(9D)DATE CODE:</p> <p>D/C 1009 VF:</p> <p>CAT <b>R1</b></p> <p>BIN</p> | <p>(1P)PART#: <b>HSMA – A149 – Q00J1</b></p> <p>(1T)LOT#: <b>Y20100413001</b></p> <p>(9D)MFG Date: <b>12 – APR – 2010</b></p> <p><b>C/O CHINA</b></p> <p>(1T)TAPE DATE: <b>13 – APR – 2010</b></p> <p>(Q)QUANTITY: 2000</p> <p>(9D)DATE CODE:</p> <p>D/C 1015 VF:</p> <p>CAT <b>Q1</b></p> <p>BIN <b>B</b></p>   |

#### Effective Date of Change:

The shipment of alternate site will begin on 20<sup>th</sup> October 2014. Different site can be shipped in the same shipment and this can be identified from the baby label on the reel and mother label on the MBB.

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.

