

PCN-274984

## Product Change Notice

Issue Date: 1-February-2024

### **Change Description:**

PCB change for ChipLED part numbers listed below

### **Parts Affected:**

HSMC-C230
HSMC-C230-Q0000
HSMA-C230
HSML-C230
HSME-C230
HSME-C230-P00000
HSMQ-C230
HSMR-C230
HSMW-C230

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

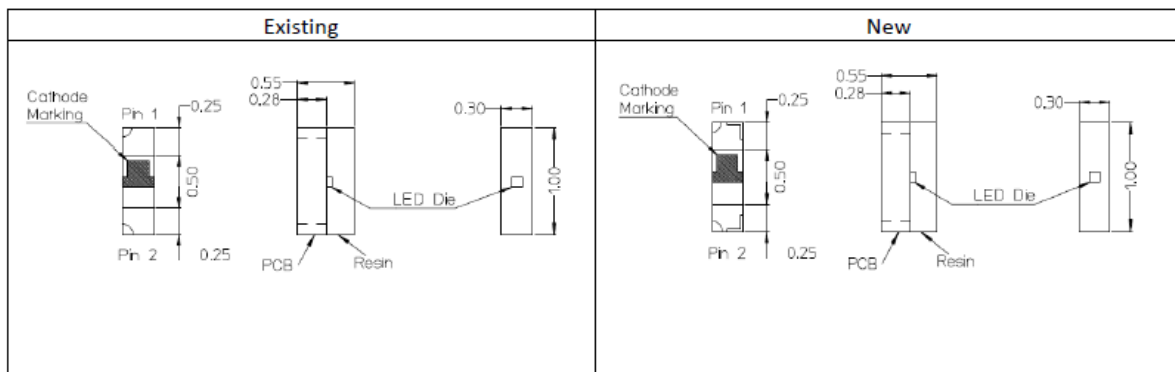
A new PCB will replace the existing PCB used in the part numbers listed above. This new PCB is qualified as per Broadcom's qualification process

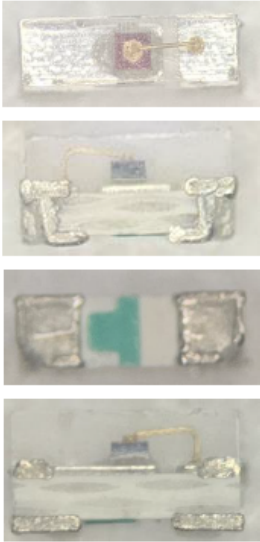
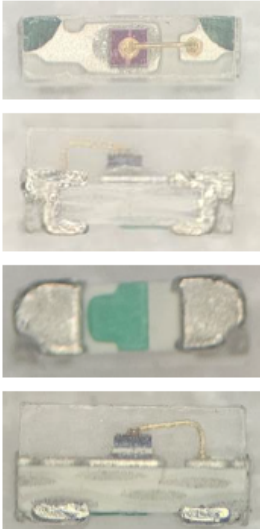
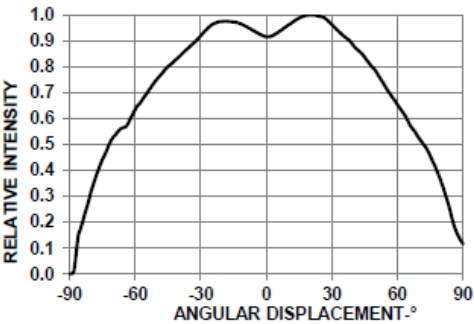
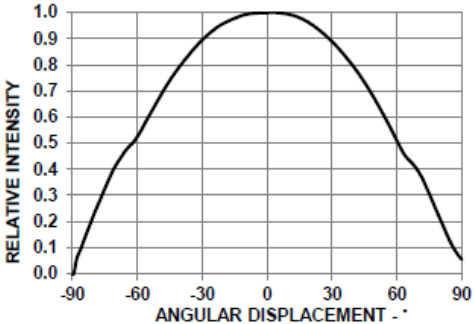
### **Reasons for Change:**

Assurance of supply

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

There is a change of form and function but no change in fit, quality and reliability. The new and existing PCB appearance as per below:



Existing	New
	
<p><b>Radiation Pattern &amp; Typical Viewing Angle</b>  Note:  Only applicable for AlInGaP parts (HSMC/HSMA/HSML/HSME).  No Change for InGaN parts (HSMR/HSMW/HSMQ)</p>  <p>Typical Viewing Angle, <math>2\theta_{1/2} = 140^\circ</math></p>	<p><b>Radiation Pattern &amp; Typical Viewing Angle</b>  Note:  Only applicable for AlInGaP parts (HSMC/HSMA/HSML/HSME).  No Change for InGaN parts (HSMR/HSMW/HSMQ)</p>  <p>Typical Viewing Angle, <math>2\theta_{1/2} = 120^\circ</math></p>

**Effective Date of Change:**

Shipment may contain parts with existing PCB and new PCB starting 01-May-2024 until the inventory of the existing PCB is fully depleted but there will be no mixing of existing PCB and new PCB within a reel

**Qualification Data:**

Qualification data will be provided upon request

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements.  
Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.