**PCN-315554**

# Product Change Notice

**Issue Date: 30-October-2026**

**Change Description:**
Smart Display AlInGaP Red and Deep Red Second Source LED

**Parts Affected:**

Group 1: AlInGaP Deep Red
- HCMS-2905
- HCMS-2915
- HCMS-2925
- HCMS-2965
- HCMS-2975-KM000
- HCMS-2975
- HDLS-1414
- HDLS-2416
- HDLU-1414
- HDLU-2416
- HDSP-2504
- HDSP-2534

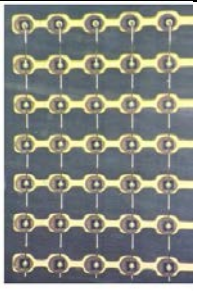
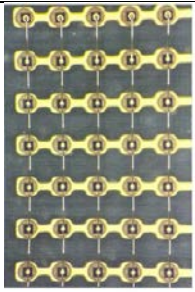
Group 2: AlInGaP Red
- HCMS-3906
- HCMS-3916
- HCMS-3966
- HCMS-3976

**Description and Extent of Change:**
Alternate LED source with the same AlInGaP technology

**Reasons for Change:**
To ensure consistent supply continuity

**Effect of Change on Fit, Form, Function, Quality, or Reliability:**
There is no change in the devices specifications as well as quality and reliability performance.

LED physical appearance is similar between both dice.

| Existing LED | New LED |
|---|---|
|  |  |

**Effective Date of Change:**

The estimated first shipment date will commence on 7 Dec 2026. Shipment may contain units with LEDs from different suppliers. There will be no mixed LED within the same tube/blister pack.

**Qualification Data:**

Qualification Data has been generated and approved. Please refer to the table below.

| Test Name | Reference | Test Conditions | Unit Tested | Failed Units |
|---|---|---|---|---|
| Temperature Cycling | JESD22-A104 | -55°C/100°C, 15 mins dwell, 5 mins transfer, 1000x | 60 | 0 |
| Temperature Humidity Storage Life | JEITA ED-4701 / 100 103 | $T_A$ = 85°C, 85% RH, VLOGIC = 5.5V, 1000hrs | 44 | 0 |
| High Temperature Operating Life | JESD22-A103 | TA = 85°C for 1000 hours | 44 | 0 |
| Temperature Humidity Operating Life | JEITA ED-4701/ 100 102 | TA = 85°C, 85% RH, VLOGIC = 3.3V for 1000 hours | 44 | 0 |
| Low Temperature Operating Life | JESD22-A108 | TA = –40°C for 1000 hours | 44 | 0 |

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.