

Product Change Notice

Issue Date: 25-April-2022

Change Description:

Smart Display Glass Lens Adhesive Change

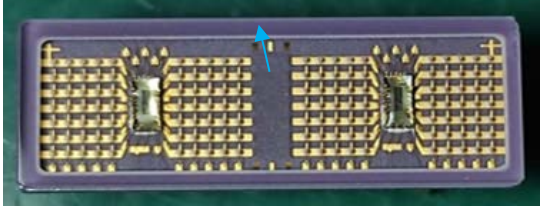

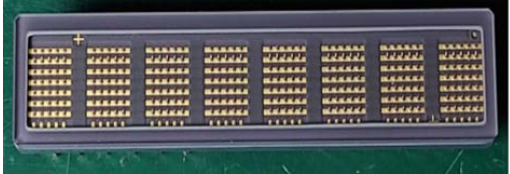

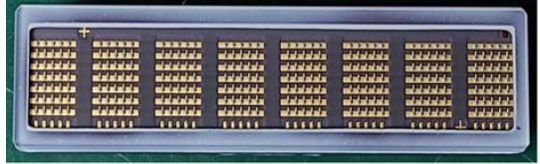
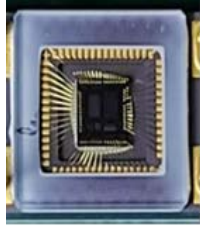
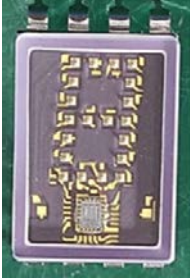
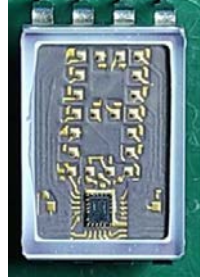
Parts Affected:

HCMS-2333	HDSP-0881
HCMS-2351	HDSP-0883
HCMS-2353-ST000	HDSP-0884
HCMS-2353-UV000	HDSP-0960-GGA00
HCMS-2353-UVA00	HDSP-0960
HCMS-2353	HDSP-0961
HDSP-0760	HDSP-0962
HDSP-0761	HDSP-0963
HDSP-0762	HDSP-0981
HDSP-0763	HDSP-0983
HDSP-0770	HDSP-0984-FG000
HDSP-0771	HDSP-0984
HDSP-0772	HDSP-2131-HJB00
HDSP-0781	HDSP-2131-IJD00
HDSP-0782	HDSP-2131-IJD16
HDSP-0783	HDSP-2131
HDSP-0784	HDSP-2132-IJ000
HDSP-0791	HDSP-2132
HDSP-0792	HDSP-2133-IJ000
HDSP-0794	HDSP-2133-JK000
HDSP-0860	HDSP-2133-JKD00
HDSP-0861	HDSP-2133
HDSP-0862	HDSP-2179
HDSP-0863	QCMS-2368

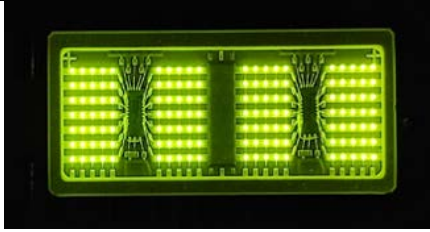

Description and Extent of Change:

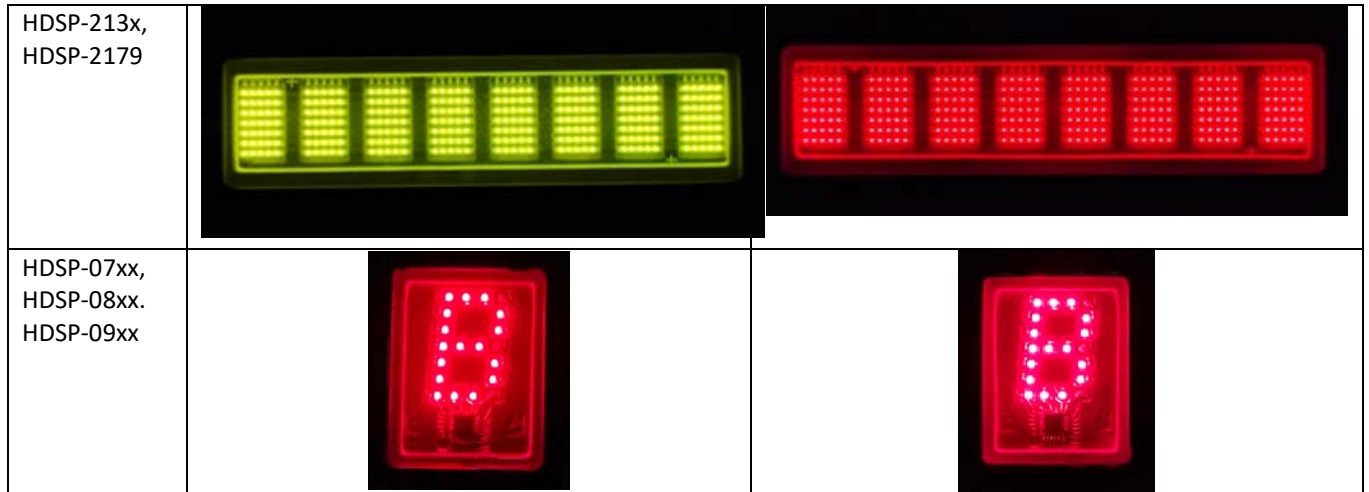
New glass lens adhesive to replace the existing adhesive. The adhesive seals the glass lens onto the ceramic substrate. It exhibits similar properties as the existing adhesive, except for the milky appearance upon cured.

Below is the physical appearance comparison for reference:

Package/PN	Existing Adhesive	New Adhesive
HCMS-235x, HCMS-2333, QCMS-2368		
HDSP-213x, HDSP-2179	<p data-bbox="586 590 688 617">LED side:</p>  <p data-bbox="597 827 677 854">IC side:</p> 	<p data-bbox="1162 590 1265 617">LED side:</p>  <p data-bbox="1174 821 1253 848">IC side:</p> 
HDSP-07xx, HDSP-08xx. HDSP-09xx		

The whitish appearance is purely cosmetic and does not affect the optical performance. Below is the light up appearance comparing existing and new adhesive:

Package/PN	Existing Adhesive	New Adhesive
HCMS-235x, HCMS-2333, QCMS-2368		



Reasons for Change:

To ensure supply continuity.

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

Device specification remains the same. There is no impact to the product performance. Appropriate reliability qualification has been performed on each product package to ensure consistent quality and reliability performance.

Effective Date of Change:

Shipment date of products using new adhesive will vary by part number depending on customer demand and inventory levels. The earliest estimated first shipment date with new adhesive is 1 Oct 2022. Shipment may contain both adhesive materials until depletion of existing adhesive.

Qualification Data:

Qualification Data has been generated and approved. Please reference 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	90	0
Temperature Humidity Storage Life	JEITA ED-4701 / 100 103	T _A = 85°C, 85% RH, VLOGIC = 5.5V, 1000hrs	90	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.