

Product Change Notice

Issue Date: 14-April-2022

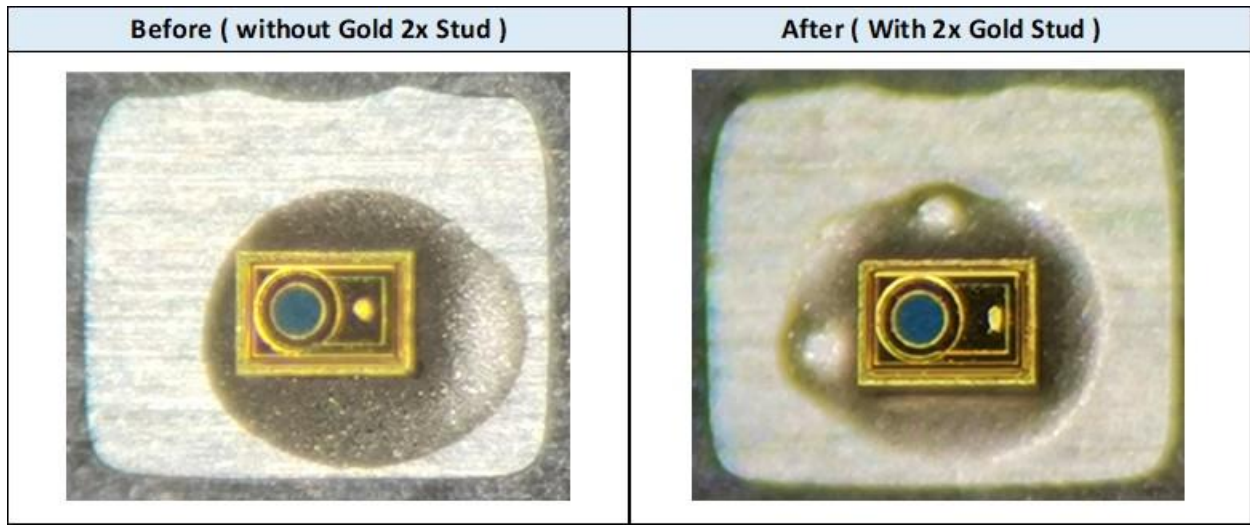
Change Description:

Implementation of gold studs at LED conductive epoxy dispensing area.

Parts Affected:

- AEDR-9820-100
- AEDR-9820-102
- AEDR-9830-100
- AEDR-9830-102
- AEDR-9920-100
- AEDR-9920-102

Description and Extent of Change:



Reasons for Change:

- 1) The additional gold studs enhance the LED epoxy conductivity to the package metal pad.
- 2) This implementation is leveraging from other similar reflective encoder product family AEDR-98xxA and AEDR-9930, qualified for volume production

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

The device specification will remain the same, which will ensure product electrical performance remains the same. Appropriate electrical characterization and reliability qualification has been performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability. No change to the datasheet.



Effective Date of Change:

Product shipments using this change will begin after [06/06/2022]. (Date code: YYWW 2224). Timing of shipment of the changed part will vary by part number depending on customer demand and inventory levels.

Qualification:

- 1) No change to the product reliability datasheet.
- 2) No change to the product datasheet.

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.