

Product Change Notice

Issue Date: 15-February-2023

Change Description:

Product update to Revision 3

Parts Affected:

AFBR-5823QZ
AFBR-5823TQZ

Description and Extent of Change:

Changes:

- a. Shorten ST dust cap and change color to black (AFBR-5823TQZ only)
- b. Replace all passive resistors on PCB with lead-free components
- c. Remove internal 100 Ohm input termination in the IC
- d. Generate placeholder on PCB for optional Tx 100 Ohm termination and add 100 Ohm resistor
- e. Change Revision on product label to Rev. 3

Reasons for Change:

- a. Length of current ST dust cap is slightly too long.
- b. Now passive components which contain lead have been replaced with lead free components to become RoHS compliant without the EU exemption 7C-I.
- c. (+ d.) Provide option for flexible on-board Tx input termination and further improvement of output signal flexibility.

Effective Date of Change:

Product shipments which may contain changed material may begin on or after **4-September-2023, (WW2336)**, but the initiation of the change may be spread over approximately 6 months. Timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

Qualification Data:

Qualification Samples are available.

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.