

PCN-272931

Product Change Notice

Issue Date: 04-December-2023

Change Description:

Improve moisture sensitivity level from MSL6 to MSL5

Parts Affected:

AFBR-S4N44P164M
AFBR-S4N44P044M
AFBR-S4N22P014M
AFBR-S4N44P014M
AFBR-S4N66P014M
AFBR-S4N66P024M

Description and Extent of Change:

As part of our continual improvement process, Broadcom has improved the moisture sensitivity level of above mentioned products by implementing an improved die-attach material and by minor changes at the product internal PCB-design.

To reduce supply chain risks and ensure continuous supply of our product, a second supplier for the PCB has been qualified.

| Current | New |
|-------------|-------------|
| MSL Level 6 | MSL Level 5 |

Reasons for Change:

1. Improve MSL-level
2. Assurance of product supply

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

The electro-optical performance, outer dimensions and footprint of products remain the same.

Appropriate electrical characterization and reliability qualification has been performed on representative products to ensure normal parametric distribution, consistent electrical performance and reliability.

Effective Date of Change:

Product shipments using this change will begin after 04-March-2024. Timing of shipment of the changed part will vary by part number depending on customer demand and inventory levels.

Qualification Data:

Qualification samples will be available 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.