



Customer Information Notification

202202002I

Issue Date: 18/02/2022

Effective Date: 26/02/2022

Here is your personalized quality information concerning products our customers and partners purchased from Ampleon.

Management Summary

This change is focused on creating more robust bond wires that minimizes, if not eliminating the risk of having cut wire and heel tear.

Change Category

Wafer Fab process Assembly Process Product Marking Design
 Wafer Fab materials Assembly Materials Electrical spec./Test coverage Mechanical Specification
 Wafer Fab location Assembly Location Test Location Packing/Shipping/Labeling

Improve wire bond quality of OMP400 packages

Information Notification

Overmolded package (OMP) is considered sensitive to cut wire and heel tear due to its floating lead design. A new more robust wedge at the bond wires is introduced through the application of a new V-groove tip design. The use of the new V-groove tip design will create thicker / more robust wedge bonds that can withstand the forces at the wedge bonds due to the floating leads design. More details can be found in the presentation available in the ePCN tool.

Why do we issue this Information Notification

To inform the customers on the improved quality of the bond wires.

Identification of affected Products

Product identification does not change

Impact

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted.

Remarks

Scope of this change are all products in OMP400 package. This notification is a fan-out of previous notification (202102002I) that addressed the same improvement for all products in OMP1 and OMP780 packages.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact Ampleon "Quality Support Team".

For all Quality Notification content inquiries, please contact your local Ampleon Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

At Ampleon we are dedicated to creating optimal value for our customers.

Ampleon Quality Management Team.

About Ampleon

Created in 2015, Ampleon is shaped by 50 years of RF power leadership and is set to exploit the full potential of data and energy transfer in RF. Ampleon has more than 1,250 employees worldwide, dedicated to creating optimal value for customers. Its innovative, yet consistent portfolio offers products and solutions for a wide range of applications, such as cellular base stations, radio/TV/broadcasting, radar, air traffic control, cooking, lighting, industrial lasers and medical. For details on the leading global partner in RF Power, visit www.ampleon.com.

Affected Part Number

BLM10D1822-60ABG

BLM10D3438-70ABG

BLM10D1822-61ABG

BLM10D2327-60ABG

BLM2425M9S20

Affected 12NC

934960232517

934960261517

934960295517

934960307517

934960326517