



Customer Information Notification

202201004I

Issue Date: 29/01/2022

Effective Date: 01/03/2022

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

For detailed information we invite you to view this notification online

Management Summary

Surface roughness of PQFN 8x8 is increased to make the package sturdier against scratch and have a common specification for surface roughness of all plastic molded packages.

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

High Roughness Average Package Surface for PQFN 8x8

Information Notification

Package surface enhancement was initiated to address visual mechanical defects specifically top package conditions for the yield performance improvement. Target is to increase the surface roughness of PQFN 8x8 from 0.4-0.8Ra to 1.4-2.6Ra (Ra – Roughness Average). The improvement will help make the package sturdier against scratch and have a common specification for surface roughness of all plastic molded package for existing and incoming products. This is also for alignment with other over mold packages such as OMP1/780/400/1230. For more detail see presentation in ePCN tool.

Why do we issue this Information Notification

To inform the customer on the visible changes.

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.

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.

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

Ampleon Quality Management Team.

Affected 12NC

Affected MPN

934960087515	BLM9D2325-20ABZ
934960141515	BLM9D2327-26BZ
934960248515	BLM10D3438-35ABZ
934960252515	BLM9D1822-30B
934960361515	B10G3438N55D
934960407515	BLM10D3740-35AB
934960416515	B10G3741N55D