

Customer Information Notification

202305003I

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

Issue Date: 12/05/2023

Effective Date:10/08/2023

For detailed information we invite you to view this notification online

Management Summary

To improve single die traceability on PQFN 12x7 packages a 2D data matrix code is added to the product marking.

Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Product Marking	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Electrical spec./Test coverage	<input type="checkbox"/> Mechanical Specification
<input type="checkbox"/> Wafer Fab location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Test Location	<input type="checkbox"/> Packing/Shipping/Labeling

Single Die Traceability (2D Data Matrix Code Marking) Implementation for Molded PQFN 12x7

Information Notification

With Ampleon's Single Die Traceability System on the PQFN 12x7 package, units are now 100% traceable down to the die level, to its x-y coordinate in the wafer, each process step's signature as far as strip map bin and rejections can be mapped for process yield improvement, and many other analysis can be derived from this system including test data for each individual unit. The following changes to the marking are applied: (1) a 2D data matrix code is printed on the unit. (2) The Ampleon logo is replaced by the Ampleon Wave-M. (3) The batch number is followed by a 5-digit Unit ID. For additional info see attached presentation in the ePCN tool

Why do we issue this Information Notification

To inform the customer of the visible update of the product marking

Identification of affected Products

Top side marking

Impact

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Additional information

Affected products, sales history information as well as self qualification / additional documents can be accessed here: [view online](#)

Remarks

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.

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.

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Ampleon

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12NC - Changed Product	Customer Part Number	Part Number - Changed Product
934960467535	934960467535; B11G1822N60DYZ	B11G1822N60D
934960469535	B11G2327N70DYZ	B11G2327N70D
934960470535	B11G3338N80DYZ	B11G3338N80D
934960638535	B11G3338N81DYZ	B11G3338N81D
934960641535	B11G2327N71DYZ	B11G2327N71D
934960659535	B11G3742N81DYZ	B11G3742N81D