

Final Product Change Notification

201802002F01

Issue Date: 10-Jan-2019

Effective Date: 10-Apr-2019

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For detailed information we invite you to view this notification online



Change Category

Wafer Fab Process

Wafer Fab Materials

Wafer Fab Location

Assembly Process

Assembly Materials

Assembly Location

Product Marking

Mechanical Specification

Packing/Shipping/Labeling

Test Location

Test Process

Test Equipment

Design

Errata

Electrical spec./Test coverage

CuSn plating at DHAM as 2nd source for DSN1006 product types

Details of this Change

Introduce Nexperia Hamburg (DHAM), Germany, as second source for CuSn plating and wafer grinding process steps. The new process flow is in addition to current JCAP flow, China, for dedicated DSN1006 product types in SOD993 & SOD995 package.

The diffusion process is kept unchanged.

The design, form and fit remain unchanged.

Reliability qualification and full electrical characterization over temperature was successfully performed.

Why do we Implement this Change

The implementation of this second source will increase production capacity and flexibility to ensure fulfillment of customer demands.

Identification of Affected Products

Identification of products is given by Lot number on package box.

Product Availability

Sample Information

Samples are available upon request

Last sample request date for PCN samples is 11-Feb-2019

Production

Planned first shipment 15-Apr-2019

Impact

no impact to the product's functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 09-Feb-2019. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Contact and Support

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

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

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Affected Part Numbers

PMEG4010AESBYL

PMEG3010AESAYL

PMEG3010AESBYL

PMEG6010AESBYL