



Final Product Change Notification

201812004F01

Issue Date: 20-Dec-2018

Effective Date: 19-Mar-2019

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QUALITY

Management Summary

LS1043A 23x23 FCPBGA 2nd source assembly at Amkor Korea with new solder mask.

Change Category

☐ Wafer Fab Process	☐ Assembly Process	☐ Product Marking	☐ Test Location	☐ Design
☐ Wafer Fab Materials	☒ Assembly Materials	☐ Mechanical Specification	☐ Test Process	☐ Errata
☐ Wafer Fab Location	☒ Assembly Location	☐ Packing/Shipping/Labeling	☐ Test Equipment	☐ Electrical spec./Test coverage
☐ Firmware	☐ Other			

LS1043A 23x23 FCPBGA
Qualification of Additional
Assembly Site at Amkor
Korea with New Solder
Mask

Description of Change

NXP is pleased to announce an additional assembly site qualification for the LS1043A 23x23 FCPBGA product family at Amkor Korea. As part of the site change, a new solder mask was implemented.

After qualification completion, the LS1043A 23x23 product family can be assembled at either Amkor Taiwan or Amkor Korea.

Qualified samples are orderable as noted below and will be available to order starting 12/21/18:

KLS1043ASE8MQB
KLS1043AXE8MQB

KLS1023AXN8MQB
KLS1043ASE8QQB
KLS1043ASN8QQB
KLS1043AXE8QQB
KLS1043ASN8MNLB

Reason for Change

The addition of Amkor Korea as an assembly site will provide improved manufacturing flexibility and supply assurance.

Identification of Affected Products

Top side marking

The NXP assembly traceability code is YWWLAZ

YW = date code

WL = wafer lot

A = assembly location (Amkor Taiwan = UY, Amkor Korea = SB)

Z = assembly lot split

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 21-Mar-2019

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No impact on form, fit, function, reliability or quality.

New solder mask may result in slight color variation.

Disposition of Old Products

Existing inventory will be shipped until depleted

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 19-Jan-2019.

Contact and Support

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

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

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Affected Part Numbers

LS1043ASN8QQB

LS1043ASN8KQB