



Final Product Change Notification

201409018F01

Issue Date: 05-Oct-2014
Effective Date: 16-Jan-2015

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



QUALITY

Management Summary

NXP has qualified a second source (ASEN) for assembly and final test for all MFRC520, MFRC522, MFRC523 types.

Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input 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 checked="" type="checkbox"/> Assembly Location	<input checked="" type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Packing/Shipping/Labeling

ASEN as Second Source for the Assembly and Final Test of MFRC52x types

Details of this Change

NXP has qualified a second source for assembly and final test (ASEN in Suzhou, China) for all MFRC520, MFRC522, MFRC523 types. The assembly process at ASEN has been internally verified not to affect product functionality or reliability.

Why do we Implement this Change

The purpose is to expand our production capacity and to increase planning flexibility.

Identification of Affected Products

Top side marking

Top side marking with different marking code for new assembly center.

The marking of the assembly center is setup in the third row, second character; $\zeta X \zeta$ indicates new assembly center ASEN: e.g. TXDy

Product Availability

Sample Information

Samples availability differs by product - see attached sample plan
Samples are available for MFRC52301HN1, other types on demand.

Production

Planned first shipment 19-Jan-2015

Impact

no impact to the product's functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing assembly center (APK) will continue production.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 04-Nov-2014.

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.

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

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Position Customer Quality Manager

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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