



Final Product Change Notification

201703012F01

Issue Date: 31-Jan-2018

Effective Date: 01-May-2018

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QUALITY

Management Summary

NXP Semiconductor announces an update to the Connectivity Software that support Kinetis® KW41Z, KW31Z and KW21Z wireless microcontrollers.

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

Connectivity Software Update for Kinetis® KW41Z, KW31Z and KW21Z Wireless Microcontrollers

Details of this Change

NXP Semiconductor announces an update to the Connectivity Software that supports Kinetis® KW41Z, KW31Z and KW21Z wireless microcontrollers. The update optimizes radio performance over various manufacturing process corners and conditions.

Elements of the Connectivity Software are incorporated in NXP's manufacturing test process. After the effective date, NXP will begin testing devices based on the updated Connectivity Software. Customers must take the following actions before the effective date:

* Navigate to <https://mcuxpresso.nxp.com>

* Click 'Select Development Board'

* Build an updated SDK package based on Device, Board or Kit and the needed IDE and Connectivity Software

Note: The update supports only IAR Embedded Workbench and MCUXpresso IDEs. Other IDEs are not supported, including legacy KDS.

Implementation of this update is mandatory. If customers do not implement the software update by the effective date they could receive parts that exhibit degraded performance.

Note:

* Re-certification is not required.

* The software update can be applied to parts manufactured prior to the effective date.

Why do we Implement this Change

The Connectivity Software has been updated to optimize radio performance over various manufacturing process corners and conditions.

Identification of Affected Products

Product identification does not change

Product Availability

Sample Information

Not applicable

Production

Planned first shipment 10-Apr-2018

Impact

Implementation of this update is mandatory. If customers do not implement the software update by the effective date they could receive parts that exhibit degraded performance.

Disposition of Old Products

Existing inventory will be shipped until depleted

This software update can be applied to parts manufactured prior to the effective date of this notification.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 02-Mar-2018.

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:

Name Randy Parks
Position Product Engineering Manager
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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

Customer Focus, Passion to Win.

NXP Quality Management Team.

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Affected Part Numbers

MKW21Z256VHT4
MKW41Z256VHT4
MKW21Z512VHT4
MKW31Z256VHT4
MKW31Z512VHT4
MKW41Z512VHT4