Final Product Change Notification

202012019F01 : MKW34/35/36x Datasheet Update to Rev 9

Issue Date: Feb 05, 2021 **Effective date:May 06, 2021**

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Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[X]Electrical spec./Test coverage
[ ]Firmware	[X]Other: Datasheet			

PCN Overview
Description

NXP Semiconductors announces a data sheet update for the MKW34/35/36x to revision 9. The revision history included in the updated document provides a detailed description of the changes.

The datasheet updates are relative to radio and SoC power consumption.

The updated MKW34/35/36x Datasheet can be found at below link after FPCN is effective.
https://www.nxp.com/products/wireless/bluetooth-low-energy/kw36-35-34-arm-cortex-m0-pluskinetis-kw36-35-34-bluetooth-low-energy-32-bit-mcus-nxp:KW36-35?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02 and SEM-DS-03.

Reason
Selective datasheet limits have been updated to insure CPK greater than 1.67 (typical Automotive requirements on parameter distribution).

Identification of Affected Products
Product identification does not change

Product Availability

Sample Information
Not Applicable

Production
Planned first shipment Feb 05, 2021

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

No Impact on form, fit, function, reliability or quality
Test limit no change.

Data Sheet Revision
A new datasheet will be issued

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 Mar 07, 2021.

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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NXP Quality Management Team.

About NXP Semiconductors

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Affected Part Numbers

MKW36A512VFT4
MKW36A512VFP4R
MKW35A512VFT4
MKW34A512VFT4
MKW36A512VHT4
MKW36A512VHT4R
MKW35A512VFP4R
MKW35A512VFP4
MKW36A512VFP4
MKW36A512VFT4R
MKW35Z512VHT4
MKW36Z512VHT4
MKW36Z512VFP4