NXP

Customer Information Notification | 201804006I

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QUALITY

Management Summary

NXP Semiconductor announces changes to the datasheet and reference manual for the Kinetis® KW40Z, KW30Z and KW20Z wireless microcontrollers

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	[X] Electrical spec./Test coverage
[ ] Firmware	[ ] Other			

MKW40Z/30Z/20Z Datasheet and Reference Manual Updates

Description

The Kinetis® KW40Z/30Z/20Z datasheet has been updated with the following updates:
Updated Temperature sensor slope information (Table 26 16-bit ADC characteristics).
Updated DCDC converter operating requirements and specifications.
Added DCDC pin voltage operating range to Table 41. Voltage and current operating ratings.

The datasheet can be found here: https://www.nxp.com/docs/en/data-sheet/MKW40Z160.pdf.

The Kinetis® KW40Z/30Z/20Z reference manual has been updated with the following changes:
Updated DCDC converter operating requirements and specifications to match datasheet updates.

The reference manual can be found here: https://www.nxp.com/docs/en/reference-

manual/MKW40Z160RM.pdf.
Reason
This notification informs customers of changes to Kinetis® KW40Z, KW30Z and KW20Z wireless microcontrollers reference manual and datasheet.
Identification of Affected Products
Product identification does not change

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

There is no change to product form, fit, function, or reliability.
Data Sheet Revision
A new datasheet will be issued

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   Ryan Kelly
Position   Product Marketer
e-mail address ryan.kelly@nxp.com
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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Affected Part Numbers
MKW20Z160VHT4
MKW30Z160VHM4
MKW40Z160VHT4