Customer Information Notification | 201904032l

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Management Summary

NXP Semiconductors announces changes to the reference manual for the Kinetis® KV58Fxxx and KV56Fxxx 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			

KV5x RM (rev 5) Update

Description

The KV5x reference manual was updated with the following changes:

- Corrected inconsistent references to the eFlexPWM module
- Clarified XBAR signal assignments
- Updated Kinetis Bootloader chapter
- Clarified voltage monitor behavior and functions
- Updated eDMA documentation
- Clarified MCG bit descriptions
- Updated FTFE chapter
- Clarified diagrams in the FTM chapter
- Updated the PDB chapter
- Added clarifications in the PIT chapter
- Updated the SPI chapter
- Updated the ENET chapter
- Updated the FlexCAN chapter
- Clarified signal descriptions in the JTAGC chapter

For more detailed information concerning the changes made, consult the release notes of the reference manual in chapter 57. The reference manual can be found at this link:

https://www.nxp.com/webapp/Download?colCode=KV5XP144M240RM
Reason
General updates and clarifications to documentation.
Identification of Affected Products
Product identification does not change

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

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

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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MKV58F1M0VLL24	935316425557	MKV58F1M0VLL24	32-bit MCU, ARM Cortex	SOT407-3	LQFP100	RFS	MCUs
MKV58F1M0VLQ24	935316348557	MKV58F1M0VLQ24	32-bit MCU, ARM Cortex	SOT486-2	LQFP144	RFS	MCUs