Customer Information Notification | 202010017I

Issue Date: 08-Nov-2020
Effective Date: 09-Nov-2020
Dear *Emma Tempest*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from NXP.
For detailed information we invite you to view this notification online

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Change Category

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

KL03Z(1N86K) Errata Update to Rev.10

Description

NXP Semiconductors announces that the KL03Z(1N86K) Errata have been updated to new revisions:
KL03Z_1N86K Rev. 10.
There provides a detailed description of the changes:

Added following errata:
1. ERR008992, AWIC: Early NMI wakeup not detected upon entry to stop mode from VLPR mode
2. ERR008777, I2C: Address match wake-up from low-power mode cannot receive data
3. ERR009308, I2C: I2C does not hold bus between byte transfers in receive and may result in lost data
4. ERR009457, Kinetis Flashloader/ ROM Bootloader: The peripheral auto-detect code in bootloader can falsely detect presence of SPI host causing non-responsive bootloader
5. ERR008010, LLWU: CMP flag in LLWU_Fx register cleared by multiple CMP out toggles when exiting LLSx or VLLSx modes.
6. ERR010527, LPUART: Setting and immediately clearing SBK bit can result in transmission of two break characters

The updated Errata for KL03Z(1N86K) can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/general-purpose-mcus/kl-series-cortex-m0-plus/kinetis-kl0x-48-mhz-entry-level-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL0x?fpsp=1&tab=Documentation_Tab
Reason

The Errata have been updated to provide additional technical clarification on some device features.
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.

Additional information
Affected products and sales history information: see attached file
Additional documents: view online

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   Andrew Su
Position   Systems Engineer
e-mail address   yong.su@nxp.com
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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NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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