Customer Information Notification 201905005I

Issue Date: 18-Jul-2019
Effective Date: 19-Jul-2019
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

This notice is NXP Company Proprietary.

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			

i.MXRT1050 Errata Rev2 Updates

Description

NXP Semiconductors announces an errata update for the i.MXRT1050 to revision 2. The revision history included in the updated documents provides a detailed description of the changes. Changes are summarized below,

Added following 5 errata:

ERR011572: Cortex-M7: Write-Trough stores and loads may return incorrect data
ERR050130: PIT: Temporary incorrect value reported in LMTR64H register in lifetimer mode
ERR050144: SAI: Setting FCONT = 1 when TMR > 0 may not function correctly
ERR050101: USB: Endpoint conflict issue in device mode
ERR050194: QTMR: overflow flag and interrupt can't be generated while configured as counter up mode

The i.MXRT1050 errata revision 2 is attached to this notice, and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/i.mx-applications-processors/i.mx-rt-series/i.mx-rt1050-crossover-processor-with-arm-cortex-m7-core:i.MX-RT1050?tab=Documentation_Tab&linkline=Errata

Reason
The errata were added for 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 Kevin Chang
Position Product Engineer
e-mail address le.chang@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
High Tech Campus, 5656 AG Eindhoven, The Netherlands