Customer Information Notification

202401002I : i.MX RT1060 Data Sheet Update to Rev 4

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 11, 2024 **Effective Date:** Jul 12, 2024

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Notification Overview

Description

NXP Semiconductor announces a data sheet update to revision 4 for i.MX RT1060. The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below:
1. In Figure 2, "i.MX RT1060 system block diagram" : Added FlexIO1 and FlexIO2, Updated FlexPWM (8-Channel x4) to (4-Channel x4), Updated Internal memory 96KB ROM to 128KB ROM, updated “GP Timer” instance to 2 and removed ”Shared with TCM”
2. Updated Figure 1, “Part number nomenclature—i.MX RT10XX family”
3. Interchanged the Min. and Max. values of spec “System frequency/Bus frequency” in Table 10, Operating ranges
4. Added FlexIO3 in Table 2, i.MX RT1060 modules list
5. Added note in Table 3, Special signal considerations.
6. Added new part numbers and their relevant information in Table 1, Ordering information
7. In Table 83, 10 x 10 mm functional contact assignments and Table 86, 12 x 12 mm functional contact assignments for “GPIO_AD_B0_10”, updated the default status to output
8. In Section 4.2.1.1, Power-up sequence removed “VDDA_ADC_3P3” instance from note ”USB_OTG1_VBUS and USB_OTG2_VBUS are not part of the power....”

The i.MX RT1060 data sheet is attached to this notice, and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/i-mx-rt-crossover-mcus/i-mx-rt1060-crossover-mcu-with-arm-cortex-m7:i.MX-RT1060

Reason

The data sheet has been updated to correct errors and add new items.

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
Data Sheet Revision
A new data sheet will be issued

Additional information

Additional documents: view online

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For specific questions on this notice or the products affected please contact our specialist directly:

Name	Wayne Wang
Position	SYSTEMS & APPLICATIONS MANAGER
e-mail address	wayne.wang@nxp.com

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands