



Customer Information Notification

201809023I

Issue Date: 17-Oct-2018

Effective Date: 18-Oct-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP.

For detailed information we invite you to view this notification online



QUALITY

Change Category

☐ Wafer Fab Process

☐ Wafer Fab Materials

☐ Wafer Fab Location

☐ Firmware

☐ Assembly Process

☐ Assembly Materials

☐ Assembly Location

☐ Other

☐ Product Marking

☐ Mechanical Specification

☐ Packing/Shipping/Labeling

☐ Test Location

☐ Test Process

☐ Test Equipment

☐ Design

☐ Errata

☒ Electrical spec./Test coverage

i.MXRT1050 Data Sheet
Rev 1.2 Updates

Description

NXP Semiconductors announces a data sheet update for the i.MXRT1050 to revision 1.2. The revision history included in the updated documents provides a detailed description of the changes. Changes are summarized below.

Data Sheet Changes:

1. Updated the maximum value of VDD_SOC_IN in the Table 7 Absolute maximum ratings
2. Updated the DCDC_IN values in the Table 10 Operating ranges

The i.MXRT1050 data sheet revision 1.2 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

Reason

The datasheet has been updated to correct errors and / or 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.

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.

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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NXP Semiconductors

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Affected Part Numbers

MIMXRT1052CVL5A

MIMXRT1052DVL6A

MIMXRT1051CVL5B

MIMXRT1051DVL6B

MIMXRT1052DVJ6B

MIMXRT1052DVL6B

MIMXRT1051DVJ6B

MIMXRT1052CVJ5B

MIMXRT1052CVL5B