# Customer Information Notification

202302015I : i.MX RT1160 Data Sheet Update to Rev 2.1

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Feb 23, 2023 **Effective date:Feb 24, 2023**

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**Management summary**
Data sheet update to revision 2.1 for i.MX RT1160.

**Change Category**

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

# PCN Overview

## Description

NXP Semiconductor announces a data sheet update to revision 2.1 for i.MX RT1160. The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below:
1. Updated the Figure 3.
2. Changed ‘Power’ to Current’ for DCDC_IN in Table 12, Maximum supply currents.

The i.MX RT1160 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-rt1160-crossover-mcu-family-high-performance-mcu-with-arm-cortex-m7-and-cortex-m4-cores:i.MX-RT1160?tab=Documentation_Tab&linkline=Data-Sheet

**Reason**
The data sheet has been updated to correct errors.

**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

## Additional information

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:


| | |
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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

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| Changed Orderable Part# | 12NC | Product Type | Product Description | Package Outline | Package Description | Product Status | Customer Specific Indicator | Product Line |
|---|---|---|---|---|---|---|---|---|
| MIMXRT1165CVM5A | 935421516557 | MIMXRT1165CVM5A | i.MXRT1165, Indus,289BGA | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |
| MIMXRT1165DVM6A | 935421517557 | MIMXRT1165DVM6A | i.MXRT1165, Conm,289BGA | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |
| MIMXRT1166CVM5A | 935421518557 | MIMXRT1166CVM5A | RT1166,600MHz M7 w/M4,I | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |
| MIMXRT1166DVM6A | 935421519557 | MIMXRT1166DVM6A | RT1166,600Mhz,M7 w/M4,C | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |
| MIMXRT1165XVM5A | 935424213557 | MIMXRT1165XVM5A | i.MXRT1165 Ind 125c | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |
| MIMXRT1166XVM5A | 935424214557 | MIMXRT1166XVM5A | i.MXRT1166 Ind 125c | (L)FBGA289M | SOT1534-4 | RFS | No | BLM1 |