



## Customer Information Notification

202012024I : 8M MINI Reference Manual Update to Rev. 3 and 8M Nano Reference Manual Update to Rev. 1

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

**Issue Date:** Jan 23, 2021 **Effective date:** Jan 24, 2021

Dear Emma Tempest,

Here is your personalized notification about a NXP general announcement. For detailed information we invite you to [view this notification online](#)

### 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     Other: Reference Manual

## PCN Overview


### Description

NXP Semiconductors announces Reference Manual (RM) update for 8M Mini to revision 3 and Reference Manual (RM) update for 8M Nano to revision 1. The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below.

Reference Manual Changes for 8M Mini:

Highlighted changes:

01. Removed the pull-up resistor for the ONOFF pad from figure  Chip reset scheme under external PMIC control. (SRC)

02. Updated Frequency Range values in Table 13-45.

03. Updated the descriptions for TxOdtDrvStren\_bn\_px[ODTStrenN].

Pls refer the change summary for the no impacted changes.

The 8M MINI Reference Manual revision 3 is attached to this notice, and can be found at:

<https://www.nxp.com/webapp/Download?colCode=IMX8MMRM>

Reference Manual Changes for 8M Nano:

Highlighted Changes:

01. DDR Controller

- Removed support for DDR4 DLL-off mode from feature stopic.
- Updated MSTR[dll\_mode\_off] definition to "dll\_off\_mode is not supported, and this bit must be set to 0".

02. SRC chapter: Removed the pull-up resistor for the ONOFF pad from figure: Chip reset scheme under external PMIC control.

Pls refer the change summary for the no impacted changes.

The 8M Nano Reference Manual revision 1 is attached to this notice, and can be found at:

<https://www.nxp.com/webapp/Download?colCode=IMX8MNRM>

#### **Reason**

The Reference Manuals have been updated to correct errors and provide additional technical clarification on some device features.

#### **Identification of Affected Products**

no change

### **Anticipated Impact on Form, Fit, Function, Reliability or Quality**

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No Impact on form, fit, function, reliability or quality

#### **Additional information**

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Additional documents: [view online](#)

#### **Contact and Support**

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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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NXP Quality Management Team.

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