



Customer Information Notification

202502019I : i.MX RT1170 Silicon Revision

Note: This notice is NXP Company
Proprietary.

Issue Date: Mar 13, 2025 **Effective Date:** Mar 14, 2025

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For detailed information we invite you to [view this notification online](#)

Management summary

The notification is for the FSGPIO issue fix on i.MX RT1170 products.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware <input type="checkbox"/> Other				

Notification Overview

Description

NXP semiconductor announces an RT1170 family design revision to resolve errata ERR052351.

<https://www.nxp.com/docs/en/errata/IMXRT1170ACE.pdf>

New Data Sheet will be published including new part numbers in June 2025. For orderable part numbers please refer to document attached.

New design revision will be qualified in June 2025

The previous revision is NOT recommended for new application design.

Please contact with your NXP representative for technical explanation and ordering information.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DE-01,SEM-DE-02.

For customers who have special part numbers, contact your NXP representative for additional ordering information.

Reason

The release of i.MX RT1170 design revision to resolve errata ERR052351.

Identification of Affected Products

Replacement part type created, see Parts Affected list

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

Disposition of Old Products

Existing inventory will be shipped until depleted

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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Position Product Marketing
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NXP Quality Management Team.

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