



Customer Information Notification

202301004I : i.MX RT500 Datasheet(Rev 0.1 to Rev 1) and Reference Manual(Rev0.1 to Rev 1)
Update

Note: This notice is NXP Company Proprietary.

Issue Date: Feb 01, 2023 **Effective date:**Feb 02, 2023

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Management summary

i.MX RT500 datasheet and Reference Manual update.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input 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 checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware <input checked="" type="checkbox"/> Other: Datasheet, Reference Manual				

PCN Overview

Description

NXP Semiconductors announces that the i.MX RT500 datasheet and Reference Manual have been updated to new revisions:

Please check more details referring to the Datasheet and Reference Manual. The updated i.MX RT500 Datasheet and Reference Manual can be found at:
<https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/i-mx-rt-crossover-mcus/i-mx-rt500-crossover-mcu-with-arm-cortex-m33-dsp-and-gpu-cores:i.MX-RT500>

Reason

The data sheet/Reference manual have been updated to correct errors and provide additional technical clarification on some device features.

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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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MIMXRT533SFFOCR	935416243518	MIMXRT533SFFOCR	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT533SFFOC	935416243557	MIMXRT533SFFOC	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT555SFFOCR	935416244518	MIMXRT555SFFOCR	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT555SFFOC	935416244557	MIMXRT555SFFOC	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT595SFFOCR	935416245518	MIMXRT595SFFOCR	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT595SFFOC	935416245557	MIMXRT595SFFOC	i.MXRT500,FOWLP,Sec,B2	FOWLP249	SOT2003-1	RFS	No	BLM1
MIMXRT533SFAWCR	935420324019	MIMXRT533SFAWCR	i.MXRT500, WLCSP			RFS	No	BLM1
MIMXRT555SFAWCR	935420325019	MIMXRT555SFAWCR	i.MXRT500, WLCSP			RFS	No	BLM1
MIMXRT595SFAWCR	935420326019	MIMXRT595SFAWCR	i.MXRT500, WLCSP			RFS	No	BLM1