



Customer Information Notification

202605023I : i.MX RT1180 Reference Manual Update to Rev10

Note: This notice is NXP Company
Proprietary.

Issue Date: Jul 15, 2026 Effective Date: Jul 16, 2026

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| ☐ 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

Notification Overview

Description

NXP Semiconductors announces a reference manual update to revision 10 for i.MX RT1180. The release notes included in the updated document provide a detailed description of the changes.

The i.MX RT1180 reference manual revision 10 is attached to this notice, and can be found at:

<https://www.nxp.com/products/i.MX-RT1180>

Reason

The reference manual has been updated to correct errors and 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

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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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New 12NC	New Orderable Part Number	New Product Type	New Product Description	Product Line	Notes	STG	Mask Set	Quality Segment
935464717557	MMXRT1189KVMBC	MMXRT1189KVMBC	RT1180, Ext Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464718557	MMXRT1189KVMBC	MMXRT1189KVMBC	RT1180, Ext Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464719557	MMXRT1189KVMBC	MMXRT1189KVMBC	RT1180, Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464721557	MMXRT1189KVMBC	MMXRT1189KVMBC	RT1180, Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464723557	MMXRT1187KVMBC	MMXRT1187KVMBC	RT1180, Ext Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464724557	MMXRT1187KVMBC	MMXRT1187KVMBC	RT1180, Ext Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464725557	MMXRT1187KVMBC	MMXRT1187KVMBC	RT1180, Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464726557	MMXRT1187CVMBC	MMXRT1187CVMBC	RT1180, Indus, 2898GA, C0	(L)FBGA289M	SOT1534-4	RFS	No					BLM1				C (Non Automotive)
935464738557	MMXRT1182KVP2C	MMXRT1182KVP2C	RT1180, Ext Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464739557	MMXRT1182KVP2C	MMXRT1182KVP2C	RT1180, Ext Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464741557	MMXRT1182VP2C	MMXRT1182VP2C	RT1180, Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464742557	MMXRT1182CVP2C	MMXRT1182CVP2C	RT1180, Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464743557	MMXRT1181KVP2C	MMXRT1181KVP2C	RT1180, Ext Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464744557	MMXRT1181KVP2C	MMXRT1181KVP2C	RT1180, Ext Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464745557	MMXRT1181VP2C	MMXRT1181VP2C	RT1180, Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935464746557	MMXRT1181CVP2C	MMXRT1181CVP2C	RT1180, Indus, 1448GA, C0	(L)FBGA144M	SOT2134-1	RFS	No					BLM1				C (Non Automotive)
935465046557	MMXRT1186CVJBC	MMXRT1186CVJBC	RT1180, Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935465082557	MMXRT1186KVJBC	MMXRT1186KVJBC	RT1180, Ext Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935465083557	MMXRT1186IVJBC	MMXRT1186IVJBC	RT1180, Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935465085557	MMXRT1186KVJBC	MMXRT1186KVJBC	RT1180, Ext Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466333557	MMXRT1186CVJBC	MMXRT1186CVJBC	RT1180, Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466629557	MMXRT1185CVJBC	MMXRT1185CVJBC	RT1180, Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466630557	MMXRT1185KVJBC	MMXRT1185KVJBC	RT1180, Ext Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466631557	MMXRT1185IVJBC	MMXRT1185IVJBC	RT1180, Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466632557	MMXRT1185KVJBC	MMXRT1185KVJBC	RT1180, Ext Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935466785557	MMXRT118CVMBC	MMXRT118CVMBC	RT1180, Ext Indus, 1968GA, C0	(L)FBGA196M	SOT1988-1	RFS	No					BLM1				C (Non Automotive)
935467592557	MMXRT118ECHMBC	MMXRT118ECHMBC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467593557	MMXRT118DXHMC	MMXRT118DXHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467594557	MMXRT118EJHMC	MMXRT118EJHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467595557	MMXRT118EKHMC	MMXRT118EKHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467597557	MMXRT118DXHMC	MMXRT118DXHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467598557	MMXRT118DJHMC	MMXRT118DJHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467599557	MMXRT118DKHMC	MMXRT118DKHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)
935467596557	MMXRT118DCHMC	MMXRT118DCHMC	RT1184 232BGA NON- S/P	(L)FBGA232M	SOT2309-1	ASM	No					BLM1				C (Non Automotive)