



Final Product Change Notification      **Update**

202007035F01U01 : i.MX RT1060 New Silicon Revision With New Part Number

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

**Issue Date:** Mar 02, 2022    **Effective date:**Mar 03, 2022

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

**Management summary**

i.MX RT1060 maskset revision 1N00X which has been qualified with new part number MIMXRT106xxxxxB.

**Change Category**

- |  |   |   |   |   |
|--|---|---|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process   | <input checked="" 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              |   |   |   |

**PCN Overview**  
**Description**

NXP Semiconductors is announcing i.MX RT1060 maskset revision 1N00X which has been qualified with new part number MIMXRT106xxxxxB.

The new mask revision has the below improvement:

Fixed ERR050101 USB: Endpoint conflict issue in device mode. An endpoint conflict occurs when the USB is working in device mode during an isochronous communication.

Please contact your NXP sales or marketing representative for additional information.

**Reason**

The release of i.MX RT1060 new maskset 1N00X fixed ERR050101 USB: Endpoint conflict issue in device mode.

**Identification of Affected Products**

Top Side Marking

Please refer to enclosed attachment

**Product Availability**

**Sample Information**

Samples are available from Aug 31, 2020

Below are the sample part numbers that will be made available.

MIMXRT1061DVL6B  
MIMXRT1062DVL6B  
MIMXRT1061CVJ5B  
MIMXRT1062DVJ6B

MIMXRT1061CVL5B  
MIMXRT1062CVL5B

Production

Planned first shipment Dec 31, 2020

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

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

Disposition of Old Products

Existing maskset revision 0N00X inventory will be shipped until depleted.

Additional information

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Apr 01, 2022.

Update Information

Only the replacement 12NCs are added for customer information.

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:

Name	Daniel Cheng
Position	Product Engineer
e-mail address	<a href="mailto:jian.cheng@nxp.com">jian.cheng@nxp.com</a>

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NXP Quality Management Team.

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These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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NXP Semiconductors  
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
MIMXRT106ADVL6A	935385521557	MIMXRT106ADVL6A	i.MXRT106A	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106ADVL6B	935399817557	MIMXRT106ADVL6B	i.MXRT106A, USB Fix	BLM1	
MIMXRT106SDVL6A	935389819557	MIMXRT106SDVL6A	i.MXRT106S, 196MAPBGA	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106SDVL6B	935399822557	MIMXRT106SDVL6B	i.MXRT106A, USB Fix	BLM1	
MIMXRT106LDVL6A	935389818557	MIMXRT106LDVL6A	i.MXRT106L, 196MAPBGA	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106LDVL6B	935399821557	MIMXRT106LDVL6B	i.MXRT106A, USB Fix	BLM1	
MIMXRT106FDVL6A	935389817557	MIMXRT106FDVL6A	i.MXRT106F, 196MAPBGA	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106FDVL6B	935399819557	MIMXRT106FDVL6B	i.MXRT106A, USB Fix	BLM1	
MIMXRT106CDVL6A	935389816557	MIMXRT106CDVL6A	i.MXRT106C, 196MAPBGA	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106CDVL6B	935399818557	MIMXRT106CDVL6B	i.MXRT106A, USB Fix	BLM1	
MIMXRT106ADVL6AR	935385521518	MIMXRT106ADVL6AR	i.MXRT106A	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT106ADVL6BR	935399817518	MIMXRT106ADVL6BR	i.MXRT106A, USB Fix	BLM1	
MIMXRT106DVL6A	935373204557	MIMXRT106DVL6A	i.MXRT1060	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT1062DVL6B	935394383557	MIMXRT1062DVL6B	i.MXRT1060, USB Fix	BLM1	

MIMXRT1062CVL5A	935373203557	MIMXRT1062CVL5A	i.MXRT1060	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT1062CVL5B	935394381557	MIMXRT1062CVL5B	i.MXRT1060, USB Fix	BLM1	
MIMXRT1061CVL5A	935373201557	MIMXRT1061CVL5A	i.MXRT1060	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT1061CVL5B	935394376557	MIMXRT1061CVL5B	i.MXRT1060, USB Fix	BLM1	
MIMXRT1061CVJ5A	935379986557	MIMXRT1061CVJ5A	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1061CVJ5B	935394375557	MIMXRT1061CVJ5B	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1062DVJ6A	935379988557	MIMXRT1062DVJ6A	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1062DVJ6B	935394382557	MIMXRT1062DVJ6B	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1062CVJ5AR	935379987518	MIMXRT1062CVJ5AR	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1062CVJ5BR	935394379518	MIMXRT1062CVJ5BR	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1062CVJ5A	935379987557	MIMXRT1062CVJ5A	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1062CVJ5B	935394379557	MIMXRT1062CVJ5B	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1061DVJ6A	935386102557	MIMXRT1061DVJ6A	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1061DVJ6B	935394377557	MIMXRT1061DVJ6B	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1061CVJ5AR	935379986518	MIMXRT1061CVJ5AR	i.MXRT1060	(L)FBGA196M	SOT1968-1	RFS	No	MIMXRT1061CVJ5BR	935394375518	MIMXRT1061CVJ5BR	i.MXRT1060 12*12 USB Fix	BLM1	
MIMXRT1061DVL6A	935373202557	MIMXRT1061DVL6A	i.MXRT1060	(L)FBGA196M	SOT1546-2	RFS	No	MIMXRT1061DVL6B	935388058557	MIMXRT1061DVL6B	i.MXRT1060, USB Fix	BLM1	