



Customer Information Notification

201709026I

Issue Date: 05-Nov-2017

Effective Date: 06-Nov-2017

Here's your personalized quality information concerning products Digi-Key purchased from NXP.

For detailed information we invite you to view this notification online



Management Summary

NXP Semiconductors is announcing i.MX 6ULL maskset number 1N70S was qualified. NXP has announced a new errata is available.

Change Category

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

i.MX 6ULL Silicon Revision and Errata Update

Information Notification

NXP Semiconductors is announcing i.MX 6ULL maskset number 1N70S was qualified.

This CIN is a follow up to the previous Advanced PCN 201705010A. Final PCN's will not be distributed for this change.

The new mask revision improvements are below.

1. There was a ROM modification change to help with overall device performance.
2. New Part Numbers have been created.
3. Datasheets were revised to revision 1.2 from revision 1.1 adding the new part numbers.

4. See revision history for additional updates to the datasheets. Updates may include clarification and enhancements of existing documentation information.
5. The 6ULL errata document has been updated to revision 1.2 from revision 1.1. See document IMX6ULLCE for full description on errata ERR011121 - System Boot: EIM NOR boot failure when the boot image targets at OCRAM.
6. The 6ULL reference manual was updated to revision 1 from revision 0, Updates include clarifications and enhancements of the existing documentation and information.

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

Why do we issue this Information Notification

The release of i.MX 6ULL new maskset 1N70S enhanced the ROM for performance improvements in the device.

Identification of Affected Products

The new device will have maskset 1N70S marked on the device.

Impact

There is no change to form, fit, function or reliability. User software may have to change to accommodate the new maskset number.

Data Sheet Revision

A new datasheet will be issued

Related Notifications

Notification	Issue Date	Effective Date	Title
201705010A	04-Jun-2017		i.MX Product Line Silicon Revisions

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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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.
Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. 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

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	New Orderable Part#	New part 12NC	New Part number	New part description	Product Line
MCIMX6Y1CVM05AA	935320915557	MCIMX6Y1CVM05AA	i.MX6ULL	LFBGA289	RFS	MCIMX6Y1CVM05AB	935354638557	MCIMX6Y1CVM05AB	i.MX6ULL ROM Perf Enhan	BL Microcontrollers
MCIMX6Y2CVM08AA	935340995557	MCIMX6Y2CVM08AA	i.MX6ULL	LFBGA289	RFS	MCIMX6Y2CVM08AB	935357248557	MCIMX6Y2CVM08AB	i.MX6ULL ROM Perf Enhan	BL Microcontrollers
MCIMX6Y2DVM05AA	935313074557	MCIMX6Y2DVM05AA	i.MX6ULL	LFBGA289	RFS	MCIMX6Y2DVM05AB	935357251557	MCIMX6Y2DVM05AB	i.MX6ULL ROM Perf Enhan	BL Microcontrollers
MCIMX6Y2DVM09AA	935346022557	MCIMX6Y2DVM09AA	i.MX6ULL	LFBGA289	RFS	MCIMX6Y2DVM09AB	935357252557	MCIMX6Y2DVM09AB	i.MX6ULL ROM Perf Enhan	BL Microcontrollers
MCIMX6Y7DVM09AA	935346023557	MCIMX6Y7DVM09AA	i.MX6ULL	LFBGA289	RFS	MCIMX6Y7DVM09AB	935357254557	MCIMX6Y7DVM09AB	i.MX6ULL ROM Perf Enhan	BL Microcontrollers