Customer Information Notification | 201709006I

Issue Date: 13-Oct-2017
Effective Date: 14-Oct-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

QUALITY

Management Summary

This CIN is a follow up to the previous Advanced PCN 201705010A. Final PCN's will NOT be distributed for this change. This notification is for the ROM fixes on i.MX6 products.

Change Category

[ ] Wafer Fab Process	[ ] Assembly Process	[ ] Product Marking	[ ] Test Location	[X] Design
[ ] Wafer Fab Materials	[ ] Assembly Materials	[ ] Mechanical Specification	[ ]Test Process	[ ] Errata
[ ] Wafer Fab Location	[ ] Assembly Location	[ ] Packing/Shipping/Labeling	[ ] Test Equipment	[ ] Electrical spec./Test coverage

i.MX 6DualLite/ i.MX 6Solo Silicon Revision

Information Notification

NXP Semiconductors is announcing i.MX 6DualLite / Solo maskset revision 4N81E was qualified with new part numbers.

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 created and added to the datasheet.
3. Datasheets were revised from rev.7 to rev.8 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.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

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 6DualLite/Solo new maskset 4N81E enhanced the ROM for performance improvements in the device

Identification of Affected Products

The new device will also have maskset 4N81E 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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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
MCIMX6S5DVM10AC	935320221557	MCIMX6S5DVM10AC	i.MX6 Solo	LFBGA624	RFS	MCIMX6S5DVM10AD	935360456557	MCIMX6S5DVM10AD	ii.MX 6S ROM Perf Enhan	BL Microcontrollers
MCIMX6S5EVM10AC	935311756557	MCIMX6S5EVM10AC	i.MX6 Solo	LFBGA624	RFS	MCIMX6S5EVM10AD	935360463557	MCIMX6S5EVM10AD	i.MX 6S ROM Perf Enhan	BL Microcontrollers
MCIMX6S6AVM08AC	935311372557	MCIMX6S6AVM08AC	i.MX6 Solo	LFBGA624	RFS	MCIMX6S6AVM08AD	935352997557	MCIMX6S6AVM08AD	i.MX6Solo ROM Perf Enhan	BL Microcontrollers
MCIMX6S7CVM08AC	935311754557	MCIMX6S7CVM08AC	i.MX6 Solo	LFBGA624	RFS	MCIMX6S7CVM08AD	935354192557	MCIMX6S7CVM08AD	i.MX6 Solo ROM PerfEnhan	BL Microcontrollers
MCIMX6U5DVM10AC	935323455557	MCIMX6U5DVM10AC	i.MX6 DualLite	LFBGA624	RFS	MCIMX6U5DVM10AD	935360464557	MCIMX6U5DVM10AD	i.MX 6DL ROM Perf Enhan	BL Microcontrollers
MCIMX6U5EVM10AC	935324722557	MCIMX6U5EVM10AC	i.MX6 DualLite	LFBGA624	RFS	MCIMX6U5EVM10AD	935360465557	MCIMX6U5EVM10AD	i.MX 6DL ROM Perf Enhan	BL Microcontrollers
MCIMX6U6AVM08AC	935318787557	MCIMX6U6AVM08AC	i.MX6 DualLite	LFBGA624	RFS	MCIMX6U6AVM08AD	935360347557	MCIMX6U6AVM08AD	i.MX6 ROM Perf Enhan	BL Microcontrollers
MCIMX6U6AVM10AC	935332959557	MCIMX6U6AVM10AC	i.MX6 Solo Rev 1.3	LFBGA624	RFS	MCIMX6U6AVM10AD	935360733557	MCIMX6U6AVM10AD	i.MX 6S ROM Perf Enhan	BL Microcontrollers
MCIMX6U7CVM08AC	935314935557	MCIMX6U7CVM08AC	i.MX6 DualLite	LFBGA624	RFS	MCIMX6U7CVM08AD	935354193557	MCIMX6U7CVM08AD	i.MX6 DualLite R PerfEn	BL Microcontrollers