



Customer Information Notification

201708015I

Issue Date: 15-Sep-2017
Effective Date: 16-Sep-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

<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 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 6Quad / Dual
Silicon Revision

Information Notification

NXP Semiconductors is announcing i.MX 6Dual/Quad maskset number 6N55D 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 created and added to the datasheet.
3. Datasheets were revised from rev.4 to rev.5 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 6Dual/Quad new maskset 6N55D enhanced the ROM for performance improvements in the device.

Identification of Affected Products

The new device will have maskset 6N55D 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

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 Patrick Stilwell
Position Marketing
e-mail address patrick.stilwell@nxp.com

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#

MCIMX6D4AVT08AD	MCIMX6Q5EYM10AD
MCIMX6D5EYM10AC	MCIMX6Q5EYM10AD
MCIMX6D5EYM10AD	MCIMX6Q6AVT10AD
MCIMX6D5EYM10AD	MCIMX6Q6AVT10AC
MCIMX6D5EYM10AD	MCIMX6Q6AVT10AD
MCIMX6D5EYM10AC	MCIMX6Q6AVT10AC
MCIMX6D6AVT10AD	MCIMX6Q6AVT10AD
MCIMX6D6AVT10AD	MCIMX6Q7CVT08AD
MCIMX6D6AVT10AD	MCIMX6Q7CVT08AC
MCIMX6D7CVT08AD	MCIMX6Q7CVT08AD
MCIMX6D7CVT08AD	MCIMX6Q7CVT08AC
MCIMX6Q5EYM10AC	MCIMX6Q7CVT08AC
MCIMX6Q5EYM10AC	