



## Customer Information Notification

201709005I

**Issue Date:** 20-Sep-2017  
**Effective Date:** 21-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 6QuadPlus / i.MX 6DualPlus Silicon Revision

## Information Notification

NXP Semiconductors is announcing i.MX 6DualPlus / QuadPlus maskset revision 1N56P 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.1 to rev.2 adding the new part numbers.

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 6DualPlus/QuadPlus new maskset 1N56P enhanced the ROM for performance improvements in the device.

### Identification of Affected Products

The new device will have maskset 1N56P 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 mask set 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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**Position** Product Marketing  
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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Affected PN	Affected 12NC	New Orderable Part#	New part 12NC
MCIMX6DP4AVT1AA	935325982557	MCIMX6DP4AVT1AB	935357856557
MCIMX6DP4AVT8AA	935322521557	MCIMX6DP4AVT8AB	935357858557
MCIMX6DP4AVT8AA	935322521557	MCIMX6DP4AVT8AB	935357858557
MCIMX6DP5EYM1AA	935316005557	MCIMX6DP5EYM1AB	935357835557
MCIMX6DP6AVT1AA	935316031557	MCIMX6DP6AVT1AB	935357861557
MCIMX6DP6AVT1AA	935316031557	MCIMX6DP6AVT1AB	935357861557
MCIMX6DP6AVT8AA	935312751557	MCIMX6DP6AVT8AB	935357862557
MCIMX6DP7CVT8AA	935315902557	MCIMX6DP7CVT8AB	935356639557
MCIMX6QP5EYM1AA	935316001557	MCIMX6QP5EYM1AB	935357836557
MCIMX6QP5EYM1AA	935316001557	MCIMX6QP5EYM1AB	935357836557
MCIMX6QP5EYM1AA	935316001557	MCIMX6QP5EYM1AB	935357836557
MCIMX6QP6AVT1AA	935318871557	MCIMX6QP6AVT1AB	935352721557
MCIMX6QP6AVT1AA	935318871557	MCIMX6QP6AVT1AB	935352721557
MCIMX6QP6AVT1AA	935318871557	MCIMX6QP6AVT1AB	935352721557
MCIMX6QP7CVT8AA	935312744557	MCIMX6QP7CVT8AB	935356641557
MCIMX6QP7CVT8AA	935312744557	MCIMX6QP7CVT8AB	935356641557
MCIMX6QP7CVT8AA	935312744557	MCIMX6QP7CVT8AB	935356641557