



## Advance Product Change Notification

201705010A

**Issue Date:** 04-Jun-2017

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### Management Summary

NXP is sending an Advanced ePCN notice to i.MX 6 and i.MX 7 customers to communicate that a final PCN for a new silicon revision is expected.

### 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 Product Line Silicon Revisions

#### Details of this Planned Change

NXP is notifying i.MX 6 and i.MX 7 customers in advance that a new silicon revision is planned soon for the following product lines. The silicon revision will be to improve performance for the existing ROM. A Final PCN (FPCN) will be sent with details for each respective product line once completed. Details in the FPCN will again include sample date availability as well as main production availability. In addition, sample part numbers and orderable part numbers will be listed on the FPCN when it is distributed.

The following product lines will have silicon revisions with new orderable part numbers for customers. NXP will continue to use older revisions in parallel for customers who do not plan to change to the new part number.

These are the expected sample date availabilities for the new silicon revisions, subject to change:

i.MX 6Dual 26-Jul-17

i.MX 6Quad 26-Jul-17

i.MX 6DualPlus 15-Aug-17  
i.MX 6QuadPlus 15-Aug-17  
i.MX 6Solo 01-Sep-17  
i.MX 6DualLite 01-Sep-17  
i.MX SoloLite 01-Aug-17  
i.MX SoloX 15-Sep-17  
i.MX 7Dual 15-Jul-17  
i.MX 7Solo 15-Jul-17  
i.MX 6ULL 10-Oct-17

#### **Why do we Plan this Change**

The silicon revision will introduce improved performance for the existing ROM.

### **Product Availability**

#### **Sample Information**

Sample planning follows with the final PCN

#### **Impact**

There is no change to product form, fit, function, or reliability.

#### **Data Sheet Revision**

A new datasheet will be issued

#### **Disposition of Old Products**

Existing inventory will be shipped until depleted

### **Timing and Logistics**

The Self Qualification Report will be ready on 01-Oct-2017.

The Final PCN is planned to be issued on: 02-Oct-2017.

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 04-Jul-2017.

F-PCN's will be sent for each respective product line to announce dates of product availability and new part numbers.

### **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** Product Marketing  
**e-mail address** patrick.stilwell@nxp.com

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
MCIMX6S5EVM10AB	935317895557	MCIMX6S5EVM10AB	i.MX6 Solo rev 1.1	LFBGA624	RFS	BL Microcontrollers
MCIMX6S5DVM10AC	935320221557	MCIMX6S5DVM10AC	i.MX6 Solo	LFBGA624	RFS	BL Microcontrollers
MCIMX6Y2DVM09AA	935346022557	MCIMX6Y2DVM09AA	i.MX6ULL	LFBGA289	RFS	BL Microcontrollers
MCIMX6D6AVT10AD	935315187557	MCIMX6D6AVT10AD	i.MX6D	FBGA624	RFS	BL Microcontrollers
MCIMX6Y2CVM08AA	935340995557	MCIMX6Y2CVM08AA	i.MX6ULL	LFBGA289	RFS	BL Microcontrollers
MCIMX6S5DVM10AB	935311117557	MCIMX6S5DVM10AB	i.MX6 Solo rev 1.1	LFBGA624	RFS	BL Microcontrollers
MCIMX6S6AVM08AC	935311372557	MCIMX6S6AVM08AC	i.MX6 Solo	LFBGA624	RFS	BL Microcontrollers
MCIMX6Y2DVM05AA	935313074557	MCIMX6Y2DVM05AA	i.MX6ULL	LFBGA289	RFS	BL Microcontrollers
MCIMX6D7CVT08AD	935315236557	MCIMX6D7CVT08AD	i.MX6D	FBGA624	RFS	BL Microcontrollers
MCIMX6L2EVN10AB	935315744557	MCIMX6L2EVN10AB	i.MX6 Megrez	TFBGA432	RFS	BL Microcontrollers
MCIMX6X2AVN08AB	935315812557	MCIMX6X2AVN08AB	I.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6G3DVM05AA	935316313557	MCIMX6G3DVM05AA	i.MX6UL	LFBGA289	RFS	BL Microcontrollers
MCIMX6X3CVO08AB	935318479557	MCIMX6X3CVO08AB	i.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6X3EVN10AB	935320375557	MCIMX6X3EVN10AB	I.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX7D7DVM10SC	935320864557	MCIMX7D7DVM10SC	i.MX 7Dual: Rev 1.2	LFBGA541	RFS	BL Microcontrollers
MCIMX6L2DVM10AB	935321896557	MCIMX6L2DVM10AB	i.MX6 Megrez	TFBGA432	RFS	BL Microcontrollers
MCIMX6U5DVM10AC	935323455557	MCIMX6U5DVM10AC	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6X4AVM08AB	935311956557	MCIMX6X4AVM08AB	I.MX6SX AUTO	LFBGA529	RFS	BL Microcontrollers
MCIMX6X4CVM08AB	935311959557	MCIMX6X4CVM08AB	I.MX6SX	LFBGA529	RFS	BL Microcontrollers
MCIMX6G2AVM07AA	935313166557	MCIMX6G2AVM07AA	i.MX6UL Auto	LFBGA289	RFS	BL Microcontrollers
MCIMX6X3EVK10AB	935315799557	MCIMX6X3EVK10AB	i.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6X1AVK08AB	935315934557	MCIMX6X1AVK08AB	i.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6U5EVM10AB	935317882557	MCIMX6U5EVM10AB	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6U5DVM10AB	935317963557	MCIMX6U5DVM10AB	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6U6AVM08AC	935318787557	MCIMX6U6AVM08AC	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6L8DVM10AB	935321842557	MCIMX6L8DVM10AB	i.MX6 Megrez	TFBGA432	RFS	BL Microcontrollers
MCIMX6G3DVK05AA	935323757557	MCIMX6G3DVK05AA	i.MX6UL 9x9	LFBGA272	RFS	BL Microcontrollers
MCIMX6G2DVK05AA	935324976557	MCIMX6G2DVK05AA	i.MX6UL 9x9	LFBGA272	RFS	BL Microcontrollers
MCIMX6S7CVM08AC	935311754557	MCIMX6S7CVM08AC	i.MX6 Solo	LFBGA624	RFS	BL Microcontrollers
MCIMX6D5EYM10AD	935315182557	MCIMX6D5EYM10AD	i.MX6D	LFBGA624	RFS	BL Microcontrollers
MCIMX6S7CVM08AB	935317691557	MCIMX6S7CVM08AB	i.MX6 Solo rev 1.1	LFBGA624	RFS	BL Microcontrollers
MCIMX6Q5EYM10AD	935321953557	MCIMX6Q5EYM10AD	i.MX6Q	LFBGA624	RFS	BL Microcontrollers
MCIMX6D5EYM10AC	935323467557	MCIMX6D5EYM10AC	i.MX6D	LFBGA624	RFS	BL Microcontrollers
MCIMX6U5EVM10AC	935324722557	MCIMX6U5EVM10AC	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6Y7DVM09AA	935346023557	MCIMX6Y7DVM09AA	i.MX6ULL	LFBGA289	RFS	BL Microcontrollers
MCIMX6G2AVM05AA	935313145557	MCIMX6G2AVM05AA	i.MX6UL	LFBGA289	RFS	BL Microcontrollers
MCIMX6Q5EYM10AC	935314761557	MCIMX6Q5EYM10AC	i.MX6Q	LFBGA624	RFS	BL Microcontrollers
MCIMX6U7CVM08AC	935314935557	MCIMX6U7CVM08AC	i.MX6 DualLite	LFBGA624	RFS	BL Microcontrollers
MCIMX6X3CVM08AB	935315797557	MCIMX6X3CVM08AB	I.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6X4EVM10AB	935318213557	MCIMX6X4EVM10AB	I.MX6SX	LFBGA529	RFS	BL Microcontrollers
MCIMX6G2DVM05AA	935318783557	MCIMX6G2DVM05AA	i.MX6UL	LFBGA289	RFS	BL Microcontrollers
MCIMX6Q7CVT08AD	935324758557	MCIMX6Q7CVT08AD	i.MX6Q	FBGA624	RFS	BL Microcontrollers
MCIMX6Y1CVM05AA	935320915557	MCIMX6Y1CVM05AA	i.MX6ULL	LFBGA289	RFS	BL Microcontrollers
MCIMX6G2CVK05AA	935322295557	MCIMX6G2CVK05AA	i.MX6UL 9X9	LFBGA272	RFS	BL Microcontrollers
MCIMX7D7DVK10SC	935322463557	MCIMX7D7DVK10SC	i.MX 7Dual: Rev 1.2	TFBGA488	RFS	BL Microcontrollers
MCIMX6L3DVM10AB	935323421557	MCIMX6L3DVM10AB	i.MX6 Megrez	TFBGA432	RFS	BL Microcontrollers
MCIMX6X1AVO08AB	935323753557	MCIMX6X1AVO08AB	I.MX6SX AUTO	LFBGA400	RFS	BL Microcontrollers
MCIMX6Q7CVT08AC	935311044557	MCIMX6Q7CVT08AC	i.MX6Q	FBGA624	RFS	BL Microcontrollers
MCIMX6S5EVM10AC	935311756557	MCIMX6S5EVM10AC	i.MX6 Solo	LFBGA624	RFS	BL Microcontrollers
MCIMX6Q6AVT10AD	935313319557	MCIMX6Q6AVT10AD	i.MX6Q	FBGA624	RFS	BL Microcontrollers
MCIMX6X1CVK08AB	935316106557	MCIMX6X1CVK08AB	i.MX6SX	LFBGA400	RFS	BL Microcontrollers
MCIMX6Q6AVT10AC	935316342557	MCIMX6Q6AVT10AC	i.MX6Q	FBGA624	RFS	BL Microcontrollers
MCIMX6X3EVO10AB	935323679557	MCIMX6X3EVO10AB	i.MX6SX	LFBGA400	RFS	BL Microcontrollers