



## Final Product Change Notification

201704029F01

**Issue Date:** 17-May-2017  
**Effective Date:** 15-Aug-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

i.MX 6UltraLite new maskset 2N52P fixed SNVS Low Power Domain reset issue during certain power-up/power-down sequence and ROM performance improvements.

### 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 6UltraLite Maskset  
Revision 2N52P with New  
Part Number  
MCIMX6GxxxxxxAB

### Details of this Change

NXP Semiconductors is announcing i.MX 6UltraLite maskset revision 2N52P was qualified with new part number MCIMX6xxxxxxAB.

The new mask revision is with below improvement:

1. Fixed an SNVS Low Power Domain reset issue which was happening during certain power-up/power-down sequencing.
2. There was a ROM modification change to help with overall device performance improvement.

Please contact your NXP sales or marketing representative for additional information.

### Why do we Implement this Change

NXP is informing customers that this PCN will also be available through sales and marketing for the i.MX

6UltraLite family of products.

The release of i.MX 6UltraLite new maskset 2N52P fixed SNVS Low Power Domain reset issue during certain power-up/power-down sequence and ROM performance improvements.

#### **Identification of Affected Products**

Replacement part type created, see Parts Affected list

### **Product Availability**

#### **Sample Information**

Samples are available from 14-May-2017

See attached IMX6UL Sample Part List.pdf

#### **Production**

Planned first shipment 30-Jun-2017

### **Impact**

There is no change to 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**

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 16-Jun-2017.

### **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** Xuyang Wang

**Position** Product Engineer

**e-mail address** xuyang.wang@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.

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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
MCIMX6G2AVM05AA	935313145557	MCIMX6G2AVM05AA	i.MX6UL	LFBGA289	RFS	MCIMX6G2AVM05AB	935346154557	MCIMX6G2AVM05AB	i.MX6UL	BL Microcontrollers
MCIMX6G2AVM07AA	935313166557	MCIMX6G2AVM07AA	i.MX6UL Auto	LFBGA289	RFS	MCIMX6G2AVM07AB	935346155557	MCIMX6G2AVM07AB	i.MX6UL Auto	BL Microcontrollers
MCIMX6G2CVK05AA	935322295557	MCIMX6G2CVK05AA	i.MX6UL 9X9	LFBGA272	RFS	MCIMX6G2CVK05AB	935346139557	MCIMX6G2CVK05AB	i.MX6UL 9X9	BL Microcontrollers
MCIMX6G2DVK05AA	935324976557	MCIMX6G2DVK05AA	i.MX6UL 9x9	LFBGA272	RFS	MCIMX6G2DVK05AB	935346141557	MCIMX6G2DVK05AB	i.MX6UL 9x9	BL Microcontrollers
MCIMX6G2DVM05AA	935318783557	MCIMX6G2DVM05AA	i.MX6UL	LFBGA289	RFS	MCIMX6G2DVM05AB	935346157557	MCIMX6G2DVM05AB	i.MX6UL	BL Microcontrollers
MCIMX6G3DVK05AA	935323757557	MCIMX6G3DVK05AA	i.MX6UL 9x9	LFBGA272	RFS	MCIMX6G3DVK05AB	935346143557	MCIMX6G3DVK05AB	i.MX6UL 9x9	BL Microcontrollers
MCIMX6G3DVM05AA	935316313557	MCIMX6G3DVM05AA	i.MX6UL	LFBGA289	RFS	MCIMX6G3DVM05AB	935346159557	MCIMX6G3DVM05AB	i.MX6UL	BL Microcontrollers