



## Final Product Change Notification

202409028F01 : i.MX6 SoloLite, i.MX6 SoloX, i.MX6 Solo, i.MX6 DualLite Non-Auto product  
Qualification of Material Changes in Substrate and Solder Ball at NXP-ATTJ

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Oct 03, 2024 **Effective Date:** Jan 01, 2025

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For detailed information we invite you to view this notification online

### Management summary

Qualification of material changes in the solder ball and substrate solder ball pad for i.MX6 SoloLite, i.MX6 SoloX, i.MX6 Solo, i.MX6 DualLite Non-Auto product at NXP-ATTJ.

### Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<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 Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware <input type="checkbox"/> Other				

## Notification Overview

### Description

NXP is pleased to announce the qualification of material changes in the solder ball and substrate solder ball pad at NXP-ATTJ to ensure supply continuity for the devices listed in this notification. This material change will take place for substrates manufactured by Nanya and ASE supplier.

Please refer to the attachment for the qualification report.

### Reason

Qualification of Material Changes in Substrate and Solder Ball is required for manufacturing flexibility and customer supply assurance.

### Identification of Affected Products

Product identification does not change

### Product Availability

### Sample Information

Samples are available from Sep 30, 2024

KCIMX6U6AVM08AC

KCIMX6U6AVM10AC

KCIMX6U8DVM10AC

## Production

Planned first shipment Jan 02, 2025

## Anticipated Impact on Form, Fit, Function, Reliability or Quality

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No Impact on form, fit, function, reliability or quality

### Disposition of Old Products

Existing inventory will be shipped until depleted

## Additional information

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Self qualification: view online

Additional documents: view online

## Timing and Logistics

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In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Nov 02, 2024.

## Contact and Support

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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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<b>Position</b>	Product Marketing
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NXP Quality Management Team.

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935314935557	MCIMX6U7CVM08AC	MCIMX6U7CVM08AC	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311756557	MCIMX6S5EVM10AC	MCIMX6S5EVM10AC	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311754557	MCIMX6S7CVM08AC	MCIMX6S7CVM08AC	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935324722557	MCIMX6U5EVM10AC	MCIMX6U5EVM10AC	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
93532021557	MCIMX6S5DVM10AC	MCIMX6S5DVM10AC	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935354193557	MCIMX6U7CVM08AD	MCIMX6U7CVM08AD	i.MX6 DualLite R PerfEn	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935323455557	MCIMX6U5DVM10AC	MCIMX6U5DVM10AC	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935354192557	MCIMX6S7CVM08AD	MCIMX6S7CVM08AD	i.MX6 Solo ROM PerfEnhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360463557	MCIMX6S5EVM10AD	MCIMX6S5EVM10AD	i.MX 6S ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360456557	MCIMX6S5DVM10AD	MCIMX6S5DVM10AD	ii.MX 6S ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317691557	MCIMX6S7CVM08AB	MCIMX6S7CVM08AB	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317895557	MCIMX6S5EVM10AB	MCIMX6S5EVM10AB	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360465557	MCIMX6U5EVM10AD	MCIMX6U5EVM10AD	i.MX 6DL ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311117557	MCIMX6S5DVM10AB	MCIMX6S5DVM10AB	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317963557	MCIMX6U5DVM10AB	MCIMX6U5DVM10AB	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935320221518	MCIMX6S5DVM10ACR	MCIMX6S5DVM10ACR	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360464557	MCIMX6U5DVM10AD	MCIMX6U5DVM10AD	i.MX 6DL ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311756518	MCIMX6S5EVM10ACR	MCIMX6S5EVM10ACR	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935315821557	MCIMX6U8DVM10AC	MCIMX6U8DVM10AC	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935323455518	MCIMX6U5DVM10ACR	MCIMX6U5DVM10ACR	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360465518	MCIMX6U5EVM10ADR	MCIMX6U5EVM10ADR	i.MX 6DL ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935324722518	MCIMX6U5EVM10ACR	MCIMX6U5EVM10ACR	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360463518	MCIMX6S5EVM10ADR	MCIMX6S5EVM10ADR	i.MX 6S ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360466557	MCIMX6U8DVM10AD	MCIMX6U8DVM10AD	i.MX 6DL ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311754518	MCIMX6S7CVM08ACR	MCIMX6S7CVM08ACR	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360464518	MCIMX6U5DVM10ADR	MCIMX6U5DVM10ADR	i.MX 6DL ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317882557	MCIMX6U5EVM10AB	MCIMX6U5EVM10AB	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317895518	MCIMX6S5EVM10ABR	MCIMX6S5EVM10ABR	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935354192518	MCIMX6S7CVM08ADR	MCIMX6S7CVM08ADR	i.MX6 Solo ROM PerfEnhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360456518	MCIMX6S5DVM10ADR	MCIMX6S5DVM10ADR	ii.MX 6S ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935312063557	MCIMX6U7CVM08AB	MCIMX6U7CVM08AB	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935314819557	MCIMX6U8DVM10AB	MCIMX6U8DVM10AB	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317882518	MCIMX6U5EVM10ABR	MCIMX6U5EVM10ABR	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935320293557	MCIMX6S8DVM10AC	MCIMX6S8DVM10AC	i.MX6 Solo	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935311117518	MCIMX6S5DVM10ABR	MCIMX6S5DVM10ABR	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935323313557	MCIMX6S8DVM10AB	MCIMX6S8DVM10AB	i.MX6 Solo rev 1.1	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935360457557	MCIMX6S8DVM10AD	MCIMX6S8DVM10AD	i.MX 6S ROM Perf Enhan	(L)FBGA624M	SOT1529-1	RFS	No	BLM1
935317963518	MCIMX6U5DVM10ABR	MCIMX6U5DVM10ABR	i.MX6 DualLite	(L)FBGA624M	SOT1529-1	RFS	No	BLM1