



Final Product Change Notification

202403005F01 : i.MX 8M Nano Assembly Site Expansion from ATK4 to NXP-ATTJ

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 31, 2024 **Effective Date:** Jun 29, 2024

Here is your personalized communication about an NXP notification.
For detailed information we invite you to view this notification online

Management summary

NXP Semiconductors announces the Assembly site expansion for the i.MX 8M Nano.

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 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 checked="" 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 Semiconductors announces the Assembly site expansion for i.MX 8M Nano associated with this notification. In addition to the current Amkor ATK4, Kwangju, Korea assembly facility, the new NXP-ATTJ, Tianjin, China assembly facility plant will be expanded.

Assembly site expansion was successfully qualified adhering to NXP specifications.

Please see the attached file(s) for additional details.

Reason

Qualification of the NXP-ATTJ, Tianjin, China is required for manufacturing flexibility and customer supply assurance.

Identification of Affected Products

Top Side Marking

The assembly site, among other information, is reflected in the package trace code.

The format for NXP standard trace code is AWLYYWWZ:

A=Assembly Site, WL=Wafer Lot, YY=Year, WW=Work Week, Z=The Assembly Lot Split code.

Assembly site marking for ATK4 is A = 'SB'.

Assembly site marking for NXP-ATTJ is A = 'CT'.

Product Availability

Sample Information

Samples are available upon request

PIMX8MN6CVTIZAA

PIMX8MN6DVTJZAA

PIMX8MN5CVTIZAA

PIMX8MN5DVTJZAA

Production

Planned first shipment Jul 30, 2024

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

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

Disposition of Old Products

NXP will reserve the right to ship from both locations based on market demand situation.

Additional information

Self qualification: view online

Additional documents: view online

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Apr 30, 2024.

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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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

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935390505557	MIMX8MN1DVTJZAA	MIMX8MN1DVTJZAA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935390506557	MIMX8MN3DVTJZAA	MIMX8MN3DVTJZAA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935390507557	MIMX8MN4DVTJZAA	MIMX8MN4DVTJZAA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935390508557	MIMX8MN5DVTJZAA	MIMX8MN5DVTJZAA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935390509557	MIMX8MN6DVTJZAA	MIMX8MN6DVTJZAA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391122557	MIMX8MN2DVTJZAA	MIMX8MN2DVTJZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391123557	MIMX8MN6DVTJZCA	MIMX8MN6DVTJZCA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391124557	MIMX8MN6DVTJZDA	MIMX8MN6DVTJZDA	8M Nano 815S 14X14FCBGA	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391873557	MIMX8MN1CVTIZAA	MIMX8MN1CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391874518	MIMX8MN2CVTIZAAR	MIMX8MN2CVTIZAAR	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391874557	MIMX8MN2CVTIZAA	MIMX8MN2CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391875557	MIMX8MN3CVTIZAA	MIMX8MN3CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391876557	MIMX8MN4CVTIZAA	MIMX8MN4CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391877557	MIMX8MN5CVTIZAA	MIMX8MN5CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1
935391878557	MIMX8MN6CVTIZAA	MIMX8MN6CVTIZAA	i.MX 8M Nano Arm Cortex	FCPBGA486M	SOT1967-1	RFS	No	BLM1