



Final Product Change Notification

201812021F01

Issue Date: 24-Jan-2019

Effective Date: 24-Apr-2019

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online

This notice is NXP Company Proprietary.



QUALITY

Change Category

☐ Wafer Fab Process

☐ Wafer Fab Materials

☐ Wafer Fab Location

☐ Firmware

☐ Assembly Process

☐ Assembly Materials

☒ Assembly Location

☐ Other

☐ Product Marking

☐ Mechanical Specification

☐ Packing/Shipping/Labeling Equipment

☐ Test Location

☐ Test Process

☐ Test Equipment

☐ Design

☐ Errata

☐ Electrical spec./Test coverage

i.MX 8M Quad, i.MX 8M Dual and i.MX 8M QuadLite Assembly Site Expansion from ATK4 to ASEKH

Description of Change

NXP Semiconductors announces the Assembly site expansion for i.MX 8M Quad, i.MX 8M Dual and i.MX8M QuadLite associated with this notification, from the current Amkor ATK4, Kwangju, Korea assembly facility to the ASE-KH, Kaohsiung, Taiwan of China assembly facility.

Assembly site expansion was successfully qualified adhering to NXP specifications.

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

Reason for Change

Qualification of the ASE-KH, Kaohsiung, Taiwan of 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 ASEKH is A = 'ZK'.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 12-Apr-2019

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.

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 23-Feb-2019.

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 Manager
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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

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MIMX8MD6DVAJZAA	935358608557	MIMX8MD6DVAJZAA	i.MX 8MDual 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ6CVAHZAA	935358614557	MIMX8MQ6CVAHZAA	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ5DVAJZAB	935377777557	MIMX8MQ5DVAJZAB	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ6CVAHZAB	935377778557	MIMX8MQ6CVAHZAB	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MD6CVAHZAB	935377781557	MIMX8MD6CVAHZAB	i.MX 8MDual 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MD6DVAJZAB	935377775557	MIMX8MD6DVAJZAB	i.MX 8MDual 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ6DVAJZAB	935377779557	MIMX8MQ6DVAJZAB	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MD6CVAHZAA	935358607557	MIMX8MD6CVAHZAA	i.MX 8MDual 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ6DVAJZAA	935358615557	MIMX8MQ6DVAJZAA	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ5CVAHZAA	935358612557	MIMX8MQ5CVAHZAA	i.MX 8MQuad Lt 17X17 nol	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ5CVAHZAB	935377776557	MIMX8MQ5CVAHZAB	i.MX 8MQuad 17X17 no lid	SOT1840-3	FBGA621	RFS	Apps Processors
MIMX8MQ5DVAJZAA	935358613557	MIMX8MQ5DVAJZAA	i.MX 8MQuad Lt 17X17 nol	SOT1840-3	FBGA621	RFS	Apps Processors