



Final Product Change Notification

202002026F01

Issue Date: 24-Mar-2020

Effective Date: 22-Jun-2020

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 | ☐ Assembly Process | ☐ Product Marking | ☐ Test Location | ☐ Design |
| ☐ Wafer Fab Materials | ☐ Assembly Materials | ☐ Mechanical Specification | ☒ Test Process | ☐ Errata |
| ☐ Wafer Fab Location | ☐ Assembly Location | ☐ Packing/Shipping/Labeling | ☐ Test Equipment | ☐ Electrical spec./Test coverage |
| ☐ Firmware | ☐ Other | | | |

MKW34A/35A/36A Hot Test Elimination At Final Test

Description of Change

NXP Semiconductors announces hot temperature test elimination from the Final Test production flow for the MKW34A/35A/36A associated with this notification. Hot test performance is covered by Probe Test and the remaining Final Test production flow.

Current Production Final Test Flow:

ROOM Final Test - HOT Final Test - COLD Final Test with in-line QA Gate Tests

New Production Final Test Flow:

ROOM Final Test - COLD Final Test with in-line QA Gate Tests

This evaluation has been successfully completed according to NXP specifications.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-QG-01

Reason for Change

Qualification of hot temperature test elimination for improved capacity and customer supply assurance.

Identification of Affected Products

Product identification does not change

Product Availability

Sample Information

Not applicable

Production

Planned first shipment 10-Jun-2020

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

No impact on form, fit, function, reliability or quality.

Disposition of Old Products

Existing inventory will be shipped until depleted

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 23-Apr-2020.

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 Yanwei Han

Position Product Engineer

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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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NXP Semiconductors

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MKW35A512VFP4	935362769557	MKW35A512VFP4	Kinetis W 32-bit MCU, AR	SOT618-13(DD)	HVQFN40	RFS	MCUs
MKW36A512VHT4	935362508557	MKW36A512VHT4	Kinetis W 32-bit MCU, AR	SOT1649-1	HVQFN48R	RFS	MCUs
MKW36A512VFP4	935362771557	MKW36A512VFP4	Kinetis W 32-bit MCU, AR	SOT618-13(DD)	HVQFN40	RFS	MCUs