



Final Product Change Notification

202111004F01 : MKW37A/38A/39A Hot Test Elimination At Final Test

Note: This notice is NXP Company Proprietary.

Issue Date: Nov 12, 2021 **Effective date:** Feb 10, 2022

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Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input checked="" 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 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			

PCN Overview Description

NXP Semiconductors announces hot temperature test elimination from the Final Test production flow for the MKW37A/38A/39A associated with this notification. Hot test performance is covered by Probe Test and the remaining Final Test production flow.

Current Production Test Flow:

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

New Production Test Flow:

Probe ROOM - Probe HOT - 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

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 Feb 25, 2022

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 Dec 12, 2021.

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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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MKW37A512VFT4R	935386106528	MKW37A512VFT4R	KW37, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1
MKW37A512VFT4	935386106557	MKW37A512VFT4	KW37, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1
MKW38A512VFT4R	935386108528	MKW38A512VFT4R	KW37, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1
MKW38A512VFT4	935386108557	MKW38A512VFT4	KW37, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1
MKW39A512VFT4R	935386111528	MKW39A512VFT4R	KW39, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1
MKW39A512VFT4	935386111557	MKW39A512VFT4	KW39, 48HVQFN	H(V)QFN48WF	SOT619-17(D)	RFS	No	BLM1