



Customer Information Notification

202207012I : MC56F837xxA Cold Test Elimination

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 28, 2022 **Effective date:** Aug 25, 2022

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to view this notification online

Management summary

Cold temperature test elimination from the Final Test production flow for the MC56F837xxA.

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 cold temperature test elimination from the Final Test production flow for the MC56F837xxA associated with this notification. Cold 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 - HOT 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 cold temperature test elimination for improved capacity and customer supply assurance.

Identification of Affected Products

Product identification does not change

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

Additional information

Additional documents: [view online](#)

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	X.N Liu
Position	Product Engineer
e-mail address	xuena.liu@nxp.com

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.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MC56F83763AMLHA	935406667557	MC56F83763AMLHA	NEVIS3 Auto 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MC56F83763AVLHA	935406668557	MC56F83763AVLHA	NEVIS3 Auto 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MC56F83769AMLLA	935406669557	MC56F83769AMLLA	NEVIS3 Auto 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MC56F83769AVLLA	935406671557	MC56F83769AVLLA	NEVIS3 Auto 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MC56F83783AMLHA	935406672557	MC56F83783AMLHA	NEVIS3 Auto,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MC56F83783AVLHA	935406673557	MC56F83783AVLHA	NEVIS3 Auto,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MC56F83789AMLLA	935406674557	MC56F83789AMLLA	NEVIS3 Auto,100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MC56F83789AVLLA	935406675557	MC56F83789AVLLA	NEVIS3 Auto,100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MWCT2013AVLH	935409518557	MWCT2013AVLH	NEVIS3A-WCT,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MWCT20C3AVLH	935409519557	MWCT20C3AVLH	NEVIS3A-WCT,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MWCT22C3AVLH	935409521557	MWCT22C3AVLH	NEVIS3A WCT,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MWCT22C3AVLL	935409522557	MWCT22C3AVLL	NEVIS3A WCT,100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1