



## Customer Information Notification

2023020381 : MC56F80xxx Datasheet Update to Rev 2.1

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Mar 22, 2023 **Effective date:** Mar 23, 2023

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For detailed information we invite you to view this notification online

### Management summary

The MC56F80xxx Datasheet have been updated.

### 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 type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage

Firmware  Other: Datasheet

## PCN Overview

### Description

NXP Semiconductors announces that MC56F80xxx Datasheet have been updated to new revisions:  
MC56F80xxx Rev2.1

MC56F80xxx, Rev2.1 summary of Changes:

1. enable QSPI function for MC56F806XX sub-family

The updated MC56F80xxx Datasheet can be found at:

<https://www.nxp.com/products/processors-and-microcontrollers/additional-mpu-mcus-architectures/digital-signal-controllers/32-bit-56800ex-ef-core/dscs-with-integrated-fpu-and-trigonometric-math-engine-with-opamp-and-quadrature-decoder:MC56F80xxx>

### Reason

MC56F80XXX Datasheet enable QSPI function for MC56F806XX sub-family

### 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

### Data Sheet Revision

A new datasheet will be issued

## Additional information

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Additional documents: [view online](#)

## Contact and Support

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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:

<b>Name</b>	Alice Wang
<b>Position</b>	Systems Engineer
<b>e-mail address</b>	alice.wang@nxp.com

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NXP Quality Management Team.

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

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MC56F80648VLH	935437123557	MC56F80648VLH	Anguilla Pico,64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MC56F80646VLF	935437132557	MC56F80646VLF	Anguilla Pico,48LQFP	(L)QFP48	SOT313-3	RFS	No	BLM1
MC56F80626VLF	935437131557	MC56F80626VLF	Anguilla Pico,48LQFP	(L)QFP48	SOT313-3	RFS	No	BLM1