



Customer Information Notification

202309018I : Datasheet update for MKL16ZxxxVFM4, MKL16ZxxxVFT4 and MKL16ZxxxVLH4

Note: This notice is NXP Company Proprietary.

Issue Date: Nov 30, 2023 **Effective date:** Dec 01, 2023

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Management summary

Datasheet for MKL16ZxxxVFM4, MKL16ZxxxVFT4, and MKL16ZxxxVLH4 has been updated to revision 7.

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
<input type="checkbox"/> Firmware <input checked="" type="checkbox"/> Other				

PCN Overview

Description

NXP Semiconductors announces that the datasheet for MKL16ZxxxVFM4, MKL16ZxxxVFT4, and MKL16ZxxxVLH4 have been updated. The new revision is revision 7.

Changes in the new revision:

- Updated Table 27 "16-bit ADC operating conditions".

The updated documents can be found at:

<https://www.nxp.com/docs/en/data-sheet/KL16P64M48SF5.pdf>

Reason

The datasheet for MKL16ZxxxVFM4, MKL16ZxxxVFT4, and MKL16ZxxxVLH4 have been updated. The new revision is revision 7 .

Updated maximum ADC frequencies at different modes in 16-bit ADC operating conditions

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

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 NXP Technical support

e-mail address tech.support@nxp.com

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NXP Quality Management Team.

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MKL16Z32VFM4	935315067557	MKL16Z32VFM4	Cortex M0+ 32K Flash	H(V)QFN32	SOT617-17	RFS	No	BLM1
MKL16Z32VFT4R	935318334528	MKL16Z32VFT4R	Cortex M0+ 32K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKL16Z32VFT4	935318334557	MKL16Z32VFT4	Cortex M0+ 32K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKL16Z32VLH4	935320159557	MKL16Z32VLH4	Cortex M0+ 48 Mhz 32K	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL16Z64VLH4R	935311435528	MKL16Z64VLH4R	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL16Z64VLH4	935311435557	MKL16Z64VLH4	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL16Z64VFT4R	935315066528	MKL16Z64VFT4R	Cortex M0+ 64K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKL16Z64VFT4	935315066557	MKL16Z64VFT4	Cortex M0+ 64K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKL16Z64VFM4R	935323414528	MKL16Z64VFM4R	Cortex M0+ 64K Flash	H(V)QFN32	SOT617-17	RFS	No	BLM1
MKL16Z64VFM4	935323414557	MKL16Z64VFM4	Cortex M0+ 64K Flash	H(V)QFN32	SOT617-17	RFS	No	BLM1
MKL16Z128VLH4R	935311433528	MKL16Z128VLH4R	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL16Z128VLH4	935311433557	MKL16Z128VLH4	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
PKL16Z128VLH4	935311434699	PKL16Z128VLH4	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	ASM	No	BLM1
MKL16Z128VFT4R	935312306528	MKL16Z128VFT4R	Cortex M0+ 128K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKL16Z128VFT4	935312306557	MKL16Z128VFT4	Cortex M0+ 128K Flash	H(V)QFN48	SOT619-22	RFS	No	BLM1
PKL16Z128VFM4	935323333699	PKL16Z128VFM4	Cortex M0+ 128K Flash	H(V)QFN32	SOT617-17	ASM	No	BLM1
MKL16Z128VFM4R	935323334528	MKL16Z128VFM4R	Cortex M0+ 128K Flash	H(V)QFN32	SOT617-17	RFS	No	BLM1
MKL16Z128VFM4	935323334557	MKL16Z128VFM4	Cortex M0+ 128K Flash	H(V)QFN32	SOT617-17	RFS	No	BLM1