Customer Information Notification

202309017I : Datasheet Update for MKL17Z128Vxx4, MKL17Z256Vxx4 and MKL17Z256CAL4R

Note: This notice is NXP Company Proprietary.

Issue Date: Nov 10, 2023 **Effective date:Nov 11, 2023**

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Management summary

Datasheet for MKL17Z128Vxx4, MKL17Z256Vxx4 and MKL17Z256CAL4R has been updated to revision 7.

Change Category

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

PCN Overview

Description

NXP Semiconductors announces that the datasheet for MKL17Z128Vxx4, MKL17Z256Vxx4 and MKL17Z256CAL4R have been updated. The new revision is rev 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/KL17P64M48SF6.pdf

Reason

The datasheet for MKL17Z128Vxx4, MKL17Z256Vxx4 and MKL17Z256CAL4R have been updated. The new revision is rev 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

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

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.

NXP Semiconductors
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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MKL17Z128VFT4	935312294557	MKL17Z128VFT4	Cortex M0+Core,Flex USB	H(U)QFN48	SOT1586-1	RFS	No	BLM1
MKL17Z128VFM4R	935312801528	MKL17Z128VFM4R	Cortex M0+Core,Flex USB	H(U)QFN32	SOT1426-2	RFS	No	BLM1
MKL17Z128VFM4	935312801557	MKL17Z128VFM4	Cortex M0+Core,Flex USB	H(U)QFN32	SOT1426-2	RFS	No	BLM1
MKL17Z128VMP4R	935320724518	MKL17Z128VMP4R	Cortex M0+Core,Flex USB	(L)FBGA64M	SOT1555-1	RFS	No	BLM1
MKL17Z128VMP4	935320724557	MKL17Z128VMP4	Cortex M0+Core,Flex USB	(L)FBGA64M	SOT1555-1	RFS	No	BLM1
MKL17Z128VLH4R	935322251528	MKL17Z128VLH4R	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL17Z128VLH4	935322251557	MKL17Z128VLH4	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL17Z256VFM4R	935315582528	MKL17Z256VFM4R	Cortex M0+Core,Flex USB	H(U)QFN32	SOT1426-2	RFS	No	BLM1
MKL17Z256VFM4	935315582557	MKL17Z256VFM4	Cortex M0+Core,Flex USB	H(U)QFN32	SOT1426-2	RFS	No	BLM1
MKL17Z256VMP4R	935316113518	MKL17Z256VMP4R	Cortex M0+Core,Flex USB	(L)FBGA64M	SOT1555-1	RFS	No	BLM1
MKL17Z256VMP4	935316113557	MKL17Z256VMP4	Cortex M0+Core,Flex USB	(L)FBGA64M	SOT1555-1	RFS	No	BLM1
MKL17Z256VLH4R	935318318528	MKL17Z256VLH4R	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL17Z256VLH4	935318318557	MKL17Z256VLH4	Cortex M0+Core,Flex USB	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKL17Z256VFT4R	935320473528	MKL17Z256VFT4R	Cortex M0+Core,Flex USB	H(U)QFN48	SOT1586-1	RFS	No	BLM1
MKL17Z256VFT4	935320473557	MKL17Z256VFT4	Cortex M0+Core,Flex USB	H(U)QFN48	SOT1586-1	RFS	No	BLM1
KKL17Z256CAL4R	935322291096	KKL17Z256CAL4R	32-bit MCU, ARM, 256KB			RFS	No	BLM1
PKL17Z256CAL4R	935322292697	PKL17Z256CAL4R	32-bit MCU, ARM, 256KB			RFS	No	BLM1