



Customer Information Notification

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Issue Date: 02-Oct-2016
Effective Date: 03-Oct-2016

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QUALITY

Management Summary

NXP Semiconductors announces the MKL82 Reference Manual and Datasheet have been updated to revision 3.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Process	<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 Equipment	<input checked="" type="checkbox"/> Electrical spec./Test coverage

MKL82Z128 Reference Manual and Datasheet Update to Rev3

Information Notification

NXP Semiconductors announces the MKL82 Reference Manual and Datasheet have been updated to revision 3. The revision history included in the updated document provides a detailed description of the changes.

The updated Reference Manual(KL82P121M72SF0RM) and Datasheet(KL82P121M72SF0) can be found at:

http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl8x-72-96-mhz-secure-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL8x?fsp=1&tab=Documentation_Tab

A summary of the document changes is attached to this notice.

Why do we issue this Information Notification

The Reference Manual and Datasheet for MKL82 have been updated to correct errors and provide additional technical clarification on some device features.

Identification of Affected Products

Product identification does not change

Impact

There is no impact to device form, fit, function, or reliability.

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 Xin Cui
Position Product Engineer
e-mail address xin.cui@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.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MKL82Z128VMC7	MKL82Z128VMC7	MKL82Z128VMC7	KL80 121 MAPBGA	MAPBGA 121 8*8*1.4 P0.65	MAPBGA 121 8*8*1.4 P0.65	RFS	BL Microcontrollers
MKL82Z128VLK7	MKL82Z128VLK7	MKL82Z128VLK7	KL80 80LQFP	LQFP 80 12*12*1.4P0.5	LQFP 80 12*12*1.4P0.5	RFS	BL Microcontrollers