



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 release of updated Reference Manuals for the MKL13/MKL33 and for the MKL43/MKL33/MKL27/MKL17.

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

Reference Manual Update for MKL13/MKL33/MKL43/MKL33/MKL27/MKL17

Information Notification

NXP Semiconductors announces the MKL13/MKL33 Reference Manual has been updated to revision 2.1 and the MKL43/MKL33/MKL27/MKL17 Reference Manual has been updated to revision 5.1. The revision history included in the updated document provides a detailed description of the changes.

The MKL13/MKL33/MKL43/MKL33/MKL27/MKL17 Reference Manual Summary can be found at:
KL13P80M48SF3RM

http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl1x-48-mhz-mainstream-small-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL1x?fosp=1&tab=Documentation_Tab

KL33P80M48SF3RM

http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl3x-48-mhz-segment-lcd-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL3x?fosp=1&tab=Documentation_Tab

KL43P64M48SF6RM

http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl4x-48-mhz-usb-segment-lcd-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL4x?fosp=1&tab=Documentation_Tab

KL33P64M48SF6RM

http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl3x-48-mhz-segment-lcd-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL3x?fosp=1&tab=Documentation_Tab

series-ultra-low-power-m0-plus/kinetis-kl3x-48-mhz-segment-lcd-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL3x?fosp=1&tab=Documentation_Tab
KL27P64M48SF6RM
http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl2x-48-mhz-usb-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL2x?fosp=1&tab=Documentation_Tab
KL17P64M48SF6RM
http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl1x-48-mhz-mainstream-small-ultra-low-power-microcontrollers-mcus-based-on-arm-cortex-m0-plus-core:KL1x?fosp=1&tab=Documentation_Tab

Reference Manual Summary:

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

Why do we issue this Information Notification

The Reference Manuals for MKL13/MKL33/MKL43/MKL33/MKL27/MKL17 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.

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:

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MKL272256VFM4	MKL272256VLM4	MKL272256VFM4	CORTEX M0+CORE,FLEX USB	QFN 32 5*5*0.65 P0.5	QFN 32 5*5*0.65 P0.5	RFS	BL Microcontrollers
MKL272256VLH4	MKL272256VLM4	MKL272256VLH4	CORTEX M0+CORE,FLEX USB	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL272256VFT4	MKL272256VFT4	MKL272256VFT4	CORTEX M0+CORE,FLEX USB	QFN MAP 48 7*7*0.65 P0.5	QFN MAP 48 7*7*0.65 P0.5	RFS	BL Microcontrollers
MKL432256VLH4	MKL432256VLM4	MKL432256VLH4	CORTEX M0+CORE,FLEX USB	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL272128VMP4	MKL272128VMP4	MKL272128VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL172256VLH4	MKL172256VLM4	MKL172256VLH4	CORTEX M0+CORE,FLEX USB	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL332256VLH4	MKL332256VLM4	MKL332256VLH4	CORTEX M0+CORE,FLEX USB	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL33264VLH4	MKL33264VLM4	MKL33264VLH4	KINETIS 48MHZ, LQFP 64	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL432256VMP4	MKL432256VMP4	MKL432256VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL172256VMP4	MKL172256VMP4	MKL172256VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL172256VFM4	MKL172256VFM4	MKL172256VFM4	CORTEX M0+CORE,FLEX USB	QFN 32 5*5*0.65 P0.5	QFN 32 5*5*0.65 P0.5	RFS	BL Microcontrollers
MKL272256VMP4	MKL272256VMP4	MKL272256VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL332128VLH4	MKL332128VLM4	MKL332128VLH4	CORTEX M0+CORE,FLEX USB	LQFP 64 10*10*1.4P0.5	LQFP 64 10*10*1.4P0.5	RFS	BL Microcontrollers
MKL332256VMP4	MKL332256VMP4	MKL332256VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL33264VLK4	MKL33264VLK4	MKL33264VLK4	KINETIS 48MHZ, LQFP 80	LQFP 80 12*12*1.4P0.5	LQFP 80 12*12*1.4P0.5	RFS	BL Microcontrollers
MKL172128VMP4	MKL172128VMP4	MKL172128VMP4	CORTEX M0+CORE,FLEX USB	MAPBGA 64 5*5*1.2 P.5 2L	MAPBGA 64 5*5*1.2 P.5 2L	RFS	BL Microcontrollers
MKL172256VFT4	MKL172256VFT4	MKL172256VFT4	CORTEX M0+CORE,FLEX USB	QFN MAP 48 7*7*0.65 P0.5	QFN MAP 48 7*7*0.65 P0.5	RFS	BL Microcontrollers