



## Customer Information Notification

201610019I

**Issue Date:** 17-Jul-2017  
**Effective Date:** 18-Jul-2017

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# QUALITY

### Management Summary

NXP Semiconductors announces the Kinetis MK24F/MK63F/MK64F 120 MHz device (1N83J mask sets) data sheet 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 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

Kinetis  
MK24F/MK63F/MK64F 120  
MHz DATASHEET UPDATE

### Information Notification

The Kinetis MK24F/MK63F/MK64F 120 MHz device (1N83J mask sets) data sheet has been updated to revision 7. The revision history included in the updated document provides a detailed description of the changes.

The following Datasheets will be added to NXP.com website at:

[http://www.nxp.com/files/microcontrollers/doc/data\\_sheet/K24P144M120SF5.pdf](http://www.nxp.com/files/microcontrollers/doc/data_sheet/K24P144M120SF5.pdf)  
[http://www.nxp.com/files/microcontrollers/doc/data\\_sheet/K24P142M120SF5.pdf](http://www.nxp.com/files/microcontrollers/doc/data_sheet/K24P142M120SF5.pdf)  
[http://www.nxp.com/files/microcontrollers/doc/data\\_sheet/K63P144M120SF5.pdf](http://www.nxp.com/files/microcontrollers/doc/data_sheet/K63P144M120SF5.pdf)  
[http://www.nxp.com/files/microcontrollers/doc/data\\_sheet/K64P142M120SF5.pdf](http://www.nxp.com/files/microcontrollers/doc/data_sheet/K64P142M120SF5.pdf)  
[http://www.nxp.com/files/microcontrollers/doc/data\\_sheet/K64P144M120SF5.pdf](http://www.nxp.com/files/microcontrollers/doc/data_sheet/K64P144M120SF5.pdf)

Updated the values of IDD\_STOP and IDD\_VLLS0 in the table "Power consumption operating behaviors"

### Why do we issue this Information Notification

The MK24/MK63/MK64 120 MHz Data Sheet has 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 change to product 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:

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**Position** System Engineer  
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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#

MK63FN1M0VMD12	MK64FX512VLQ12	MK64FN1M0VLL12	MK64FN1M0VLQ12
MK24FN1M0VDC12	MK64FX512VLQ12	MK64FN1M0VLL12	MK64FN1M0VLQ12
MK64FX512VLL12	MK24FN1M0VLQ12	MK64FN1M0VDC12	MK64FN1M0VLQ12
MK64FX512VLL12	MK24FN1M0VLQ12	MK64FN1M0VDC12	MK24FN1M0VDC12R
MK24FN1M0VLL12	MK64FN1M0VMD12	MK64FN1M0VDC12	MK24FN1M0VDC12R
MK24FN1M0VLL12	MK64FN1M0VMD12	MK64FX512VDC12	MK24FN1M0VDC12
MK24FN1M0VLL12	MK64FN1M0VMD12	MK64FX512VDC12	MK24FN1M0VDC12
MK64FX512VLQ12	MK64FN1M0VLL12	MK64FX512VDC12	MK64FX512VLL12