

PRODUCT AND PROCESS CHANGE NOTIFICATION
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ISSUE DATE: 17-Dec-2012
NOTIFICATION: 15465
TITLE: Kinetis K Series 72MHz Family Data Sheet Revision 3
EFFECTIVE DATE: 17-Mar-2013

DEVICE(S)

MPN
MK10DX128VLH7
MK10DX128VLK7
MK10DX128VLL7
MK10DX128VMB7
MK10DX128VMC7
MK10DX256VLH7
MK10DX256VLK7
MK10DX256VLK7R
MK10DX256VLL7
MK10DX256VMB7
MK10DX256VMC7
MK10DX256VML7
MK10DX64VLH7
MK10DX64VLK7
MK10DX64VLK7R
MK10DX64VMB7
MK10DX64VMC7
MK20DX128VLH7
MK20DX128VLK7
MK20DX128VLL7
MK20DX128VMC7
MK20DX256VLH7
MK20DX256VLK7
MK20DX256VLL7
MK20DX256VMB7
MK20DX256VMC7
MK20DX256VML7
MK20DX64VLH7

MK20DX64VLK7
MK20DX64VMB7
MK20DX64VMC7
MK30DX128VLH7
MK30DX128VLK7
MK30DX128VLL7
MK30DX128VMB7
MK30DX128VMC7
MK30DX256VLH7
MK30DX256VLK7
MK30DX256VLL7
MK30DX256VMB7
MK30DX256VMC7
MK30DX64VLH7
MK30DX64VLK7
MK30DX64VMB7
MK30DX64VMC7
MK40DX128VLH7
MK40DX128VLK7
MK40DX128VLL7
MK40DX128VMB7
MK40DX128VMC7
MK40DX256VLH7
MK40DX256VLK7
MK40DX256VLL7
MK40DX256VMC7
MK40DX256VML7
MK40DX64VLH7
MK40DX64VLK7
MK40DX64VMB7
MK40DX64VMC7
MK50DX128CLH7
MK50DX128CLH7R
MK50DX128CLK7
MK50DX128CLL7
MK50DX128CMC7
MK50DX256CLK7
MK50DX256CLL7
MK50DX256CMC7

MK51DX128CLH7
MK51DX128CLK7
MK51DX128CMC7
MK51DX256CLK7
MK51DX256CLL7
MK51DX256CMC7
MK51DX256CML7

AFFECTED CHANGE CATEGORIES

- DEVICE SPECIFICATION / ERRATA

DESCRIPTION OF CHANGE

The Kinetis K Series 72MHz Family Data Sheet has been updated to revision 3. The revision history included in the updated document provides a detailed description of the changes.

The Kinetis K Series 72MHz Family Data Sheet can be found at <http://www.freescale.com/webapp/sps/site/overview.jsp?nodeId=01624698C9DE2D>.

The Kinetis K Series 72MHz Family errata documentation has been updated to remove errata that have been integrated into the Kinetis K Series 72MHz Family Datasheet.

1. Errata # 3863 ADC: In 16-bit differential mode, ADC may result in a conversion error when positive input is near upper rail reference voltage.

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

Also, Freescale is announcing a marking change on the 121 MAP BGA package for the Kinetis K Series 72 MHz Family. The original package suffix 'ML' will be changed to 'MC' to align with standard packaging nomenclature.

REASON FOR CHANGE

The Kinetis K Series 72MHz Family Data Sheet has been updated to correct errors and provide additional technical clarification on some device features.

The Marking Change will align the package suffix designation for the 121 MAP BGA to standard nomenclature.

ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)

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

Freescale will consider specific conditions of acceptance of this change submitted within 30 days of receipt of this notice on a case by case basis. To request further data or inquire about the notification, please enter a

Service Request.

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 28-Nov-2012

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

N/A

RELIABILITY DATA SUMMARY:

N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

N/A

CHANGED PART IDENTIFICATION:

For the 121 MAP BGA package, Device marking will reflect updated package suffix. Original suffix 'ML' will be changed to 'MC'. Product will be available by ordering using the new package suffix.

For instance, the MK20DX256V"ML"7 will be available by ordering the MK20DX256V"MC"7.

SAMPLE AVAILABILITY DATE: 26-Oct-2012

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:

[15465_Kinetis_K_Series_72MHz_Family_Data_Sheet_Revision_3.pdf](#)
