
PRODUCT BULLETINGeneric Copy

ISSUE DATE: 12-Oct-2012
NOTIFICATION: 15405
TITLE: 5X5 32QFN E-TYPE LEADFRAME CONVERSION
EFFECTIVE DATE: 13-Oct-2012

DEVICE(S)**MPN**

CRTTOUCHB10VFM

CRTTOUCHB10VFMX

MCF51JF32VFM

MCF51JU32VFM

MCF51QM32VFM

MCF51QU32VFM

MK10DN128VFM5

MK10DN128VFT5

MK10DN32VFM5

MK10DN32VFT5

MK10DN64VFM5

MK10DN64VFT5

MK10DX128VFM5

MK10DX128VFT5

MK10DX32VFM5

MK10DX32VFT5

MK10DX64VFM5

MK10DX64VFT5

MK20DN128VFM5

MK20DN128VFT5

MK20DN32VFM5

MK20DN32VFT5

MK20DN64VFM5

MK20DN64VFT5

MK20DX128VFM5

MK20DX128VFT5

MK20DX32VFM5

MK20DX32VFT5

MK20DX64VFM5

MK20DX64VFT5

PCF51QM32VFM

PCRTOUCHB10VFM
PCRTOUCHB10VFMX
PK10DX128VFM5
PK10DX128VFT5
PK20DX128VFM5
PK20DX128VFT5

AFFECTED CHANGE CATEGORIES

- BILL OF MATERIAL CHANGE (SAME ASSEMBLY SITE)
- DEVICE SPECIFICATION / ERRATA

DESCRIPTION OF CHANGE

The 5*5 32 QFN leadframe will change to the industry standard "E" type leadframe vs. the current "S" type leadframe for Kinetis K 50 MHz family and the MCF51JU128 family.

This leadframe change will not impact the form fit or function of the package, there are no X,Y or Z package dimension changes.

REASON FOR CHANGE

Improved quality and align QFN to industry standard leadframe "E" type. The "E" type leadframe change is on the package terminals, where they are extended to the edge of the package on every terminal vs. the current "S" type leadframe where the terminal stops between 0.004" to 0.006" from the edge of the package.

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

No change to form, fit or function.

NOTE:

THE CHANGE(S) SPECIFIED IN THIS NOTIFICATION WILL BE IMPLEMENTED ON THE EFFECTIVE DATE LISTED ABOVE. 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: 26-Oct-2012

QUALIFICATION STATUS: N/A

QUALIFICATION PLAN:

N/A

RELIABILITY DATA SUMMARY:

N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

N/A

CHANGED PART IDENTIFICATION:

N/A

ATTACHMENT(S):

N/A
