



PRODUCT BULLETIN

Generic Copy

ISSUE DATE: 17-Oct-2013
NOTIFICATION: 15823
TITLE: KINETIS K, L, COLDFIRE+ ERRATA UPDATES
EFFECTIVE DATE: 18-Oct-2013

DEVICE(S)

MPN
CRTOUCHB10VFM
MCF51JF128VHS
MCF51JF128VLH
MCF51JF32VFM
MCF51JF32VHS
MCF51JF64VHS
MCF51JF64VLF
MCF51JU128VHS
MCF51JU128VLH
MCF51JU32VFM
MCF51JU32VHS
MCF51JU64VHS
MCF51JU64VLF
MCF51QM128VHS
MCF51QM128VHSR
MCF51QM128VLH
MCF51QM128VLHR
MCF51QM32VFM
MCF51QM32VHS
MCF51QM64VHS
MCF51QM64VLF
MCF51QU128VHS
MCF51QU128VLH
MCF51QU128VLHR
MCF51QU32VFM
MCF51QU32VHS
MCF51QU64VHS

MCF51QU64VLF

MK10DN128VFM5

MK10DN128VFT5

MK10DN128VLF5

MK10DN128VLF5R

MK10DN128VLH5

MK10DN128VLH5R

MK10DN128VMP5

MK10DN32VFM5

MK10DN32VFT5

MK10DN32VLF5

MK10DN32VLH5

MK10DN32VMP5

MK10DN512VLK10

MK10DN512VLL10

MK10DN512VLQ10

MK10DN512VMC10

MK10DN512VMC10R

MK10DN512VMD10

MK10DN512ZVLK10

MK10DN512ZVLK10R

MK10DN512ZVLL10

MK10DN512ZVLL10R

MK10DN512ZVLQ10

MK10DN512ZVMC10

MK10DN512ZVMC10R

MK10DN512ZVMD10

MK10DN64VFM5

MK10DN64VFT5

MK10DN64VLF5

MK10DN64VLH5

MK10DN64VMP5

MK10DX128VFM5

MK10DX128VFT5

MK10DX128VLF5

MK10DX128VLH5

MK10DX128VLH7

MK10DX128VLK7

MK10DX128VLK7R

MK10DX128VLL7

MK10DX128VLQ10

MK10DX128VMC7

MK10DX128VMD10

MK10DX128VMP5

MK10DX128ZVMD10

MK10DX256VLH7

MK10DX256VLK7

MK10DX256VLK7R

MK10DX256VLL7

MK10DX256VLQ10

MK10DX256VMC7

MK10DX256VMD10

MK10DX256ZVLQ10

MK10DX256ZVLQ10R

MK10DX256ZVMD10

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MK10DX32VFT5

MK10DX32VLF5

MK10DX32VLH5

MK10DX32VMP5

MK10DX64VFM5

MK10DX64VFT5

MK10DX64VLF5

MK10DX64VLH5

MK10DX64VLH7

MK10DX64VLK7

MK10DX64VLK7R

MK10DX64VMC7

MK10DX64VMP5

MK11DN512VLK5

MK11DN512VMC5

MK11DX128VLK5

MK11DX128VMC5

MK11DX256VLK5

MK11DX256VMC5

MK12DN512VLH5

MK12DN512VLK5

MK12DN512VMC5

MK12DX128VLF5
MK12DX128VLH5
MK12DX128VLK5
MK12DX128VMC5
MK12DX256VLF5
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MK20DN512VMD10
MK20DN512ZAB10R
MK20DN512ZCAB10R
MK20DN512ZVLK10
MK20DN512ZVLL10
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MK20DX128VLK7
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MK20DX128ZVLQ10
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MK21DX128VMC5

MK21DX256VLK5

MK21DX256VMC5

MK21FN1M0VLQ12

MK21FN1M0VMC12

MK21FN1M0VMD12

MK21FX512VLQ12

MK21FX512VMC12

MK21FX512VMD12

MK22DN512VLH5

MK22DN512VLK5

MK22DN512VMC5

MK22DX128VLF5

MK22DX128VLH5

MK22DX128VLK5

MK22DX128VMC5

MK22DX256VLF5

MK22DX256VLH5

MK22DX256VLK5

MK22DX256VMC5

MK22FN1M0VDC12

MK22FN1M0VLH12

MK22FN1M0VLK12

MK22FN1M0VLL12

MK22FN1M0VLQ12

MK22FN1M0VMC12

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MK22FX512VMC12

MK22FX512VMD12

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MK30DN512VLQ10

MK30DN512ZVLK10

MK30DN512ZVLQ10

MK30DN512ZVLQ10R
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MK30DX128VLK7
MK30DX128VLL7
MK30DX128VMC7
MK30DX256VLH7
MK30DX256VLK7
MK30DX256VLL7
MK30DX256VLQ10
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MK40DX64VMC7

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MK50DN512CMD10

MK50DN512CMD10R

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MK50DN512ZCLQ10

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MK50DX128CLH7R

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MK50DX128CMC7

MK50DX256CLK10

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MK50DX256CMC7

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MK51DN256CMD10

MK51DN256ZCMD10

MK51DN512CLL10

MK51DN512CLQ10

MK51DN512CMC10

MK51DN512CMD10

MK51DN512ZCLL10

MK51DN512ZCLQ10

MK51DN512ZCMC10

MK51DX128CLH7

MK51DX128CLK7

MK51DX128CMC7

MK51DX256CLK10

MK51DX256CLK7

MK51DX256CLL10

MK51DX256CLL7

MK51DX256CMC10

MK51DX256CMC7

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MK51DX256ZCMC10

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MK60DX256ZVMD10

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MKL02Z32VFK4

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MKL15Z128VLK4

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MKL15Z64VLH4

MKL15Z64VLK4

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MKL24Z64VLH4

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MKL36Z256VLL4

MKL36Z256VLL4R

MKL36Z256VMC4

MKL36Z256VMP4

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MKL36Z64VLL4

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PK10DX256VMD10

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PK20DN512ZVLK10

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PK21DX256VMC5

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PK21FX512VMD10

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PK22DX256VLK5

PK22DX256VMC5

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PK30DX256VLL7

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PK40DN512VLQ10

PK40DN512VMC10

PK40DN512VMD10

PK40DN512ZVLL10

PK40DX256VLH7

PK40DX256VLK7

PK40DX256VLL7

PK40DX256VLQ10

PK40DX256VMD10

PK50DN512CMD10

PK50DX128CLH7

PK50DX256CLK7

PK50DX256CLL10

PK50DX256CLL7

PK50DX256CMC10

PK50DX256CMD10

PK51DN512CLL10

PK51DX128CLH7

PK51DX256CLK7

PK51DX256CLL7

PK51DX256CMC10

PK52DN512CMD10

PK53DN512CMD10

PK53DX256CLQ10

PK53DX256CMD10

PK60DN512VLL10

PK60DN512VLQ10

PK60DN512VMD10

PK60DX256VLL10

PK60DX256VLQ10

PK60DX256VMC10

PK60DX256VMD10

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PKL05Z32VLC4
PKL05Z32VLF4
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PKL16Z128VFT4
PKL16Z128VLH4
PKL16Z256VMP4
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PKL25Z128VFT4
PKL25Z128VLH4
PKL25Z128VLK4
PKL26Z128CAL4R
PKL26Z128VFM4
PKL26Z128VFT4
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PKL26Z256VLL4
PKL26Z256VMC4
PKL26Z256VMP4
PKL36Z256VLH4
PKL36Z256VMP4
PKL46Z256VLL4
PKL46Z256VMC4

AFFECTED CHANGE CATEGORIES

- ERRATA

DESCRIPTION OF CHANGE

The Kinetis K, L, and ColdFire+ errata documentation has been updated to include a new erratum that has been identified. The updated versions have been added to the freescale.com website at:

http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_4N30D.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_8N30D.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_4N22D.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS72MHZ_2N36B.pdf
http://cache.freescale.com/files/32bit/doc/errata/KINETIS_0N89E.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_1N89E.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_2N03G.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS50MHZ_1N86B.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS50MHZ_3N86B.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_L_2N97F.pdf
http://cache.freescale.com/files/32bit/doc/errata/KINETIS_L_1N96F.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS_L_0N40H.pdf
http://cache.freescale.com/files/32bit/doc/errata/COLDFIREPLUS_4N27B.pdf
http://cache.freescale.com/files/32bit/doc/errata/COLDFIREPLUS_2N27B.pdf
http://cache.freescale.com/files/32bit/doc/errata/KINETIS_L_0N33H.pdf
http://cache.freescale.com/files/microcontrollers/doc/errata/KINETIS72MHZ_1N36B.pdf

6665 Operating requirements: Limitation of the device operating range

REASON FOR CHANGE

The errata documentation for the Kinetis K, L, and ColdFire+ devices have been updated.

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

There have been no changes made to the current production devices. The erratum describes existing conditions identified on current production devices. There are potential hardware implications.

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: 25-Jul-2013

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

N/A

RELIABILITY DATA SUMMARY:

N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

N/A

CHANGED PART IDENTIFICATION:

N/A

ATTACHMENT(S):

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

[15823_COLDFIREPLUS_2N27B.pdf](#)[15823_COLDFIREPLUS_4N27B.pdf](#)[15823_KINETIS_0N89E.pdf](#)[15823_KINETIS_1N89E.pdf](#)[15823_KINETIS_2N03G.pdf](#)[15823_KINETIS_L_0N33H.pdf](#)[15823_KINETIS_L_1N96F.pdf](#)[15823_KINETIS_L_2N97F.pdf](#)[15823_KINETIS72MHZ_1N36B.pdf](#)[15823_KINETIS_4N22D.pdf](#)[15823_KINETIS_4N30D.pdf](#)[15823_KINETIS_8N30D.pdf](#)[15823_KINETIS_50MHZ_1N86B.pdf](#)[15823_KINETIS_50MHZ_3N86B.pdf](#)[15823_KINETIS_L_0N40H.pdf](#)[15823_KINETIS72MHZ_2N36B.pdf](#)