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**PRODUCT BULLETIN**  
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**ISSUE DATE:** 28-Mar-2013  
**NOTIFICATION:** 15434  
**TITLE:** UPDATES FOR I.MX50 DATASHEET REV.4  
**EFFECTIVE DATE:** 29-Mar-2013

**DEVICE(S)**

MPN
MCIMX502CVK8B
MCIMX502CVM8B
MCIMX502EVM8B
MCIMX503CVK8B
MCIMX503CVK8BR2
MCIMX503CVM8B
MCIMX503CVM8BR2
MCIMX503EVM8B
MCIMX507CVK8B
MCIMX507CVK8BR2
MCIMX507CVM1B
MCIMX507CVM1BR2
MCIMX507CVM8B
MCIMX508CVK8B
MCIMX508CVK8BR2
MCIMX508CVM8B
MCIMX508CVM8BR2
MCIMX508CZK8B

**AFFECTED CHANGE CATEGORIES**

- DEVICE SPECIFICATION / ERRATA

**DESCRIPTION OF CHANGE**

The i.MX50 datasheet documentation has been updated to include additional updates.

The updated datasheet can be found on the Freescale website located at:

[http://www.freescale.com/webapp/sps/site/prod\\_summary.jsp?code=i.MX502&nodeId=018rH3ZrDR8DD8&fsp=1&tab=Documentation\\_Tab](http://www.freescale.com/webapp/sps/site/prod_summary.jsp?code=i.MX502&nodeId=018rH3ZrDR8DD8&fsp=1&tab=Documentation_Tab)

The file name is: IMX50CEC\_Rev4

Changes made to the datasheet include:

Change DDR clock rate for high performance mode (HPM) of VCC from 200 MHz to 266 MHz

Change DDR clock rate for reduced performance mode (RPM) of VCC from 100 MHz to 133 MHz

### **REASON FOR CHANGE**

The errata documentation for i.MX50 has been updated.

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

No changes have been made to the current production device. The datasheet describes the current production devices. There are potential hardware and/or software implications to customers.

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#### **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](http://www.freescale.com)

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**QUAL DATA AVAILABILITY DATE:** 15-Nov-2012

**QUALIFICATION STATUS:** COMPLETED

**QUALIFICATION PLAN:**

N/A

**RELIABILITY DATA SUMMARY:**

N/A

**ELECTRICAL CHARACTERISTIC SUMMARY:**

N/A

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**CHANGED PART IDENTIFICATION:**

N/A

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**ATTACHMENT(S):**

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

[15434\\_IMX50CEC.pdf](#)

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