



## PRODUCT BULLETIN

Generic Copy

**ISSUE DATE:** 09-Oct-2012  
**NOTIFICATION:** 15364  
**TITLE:** i.MX28 Errata Rev 2  
**EFFECTIVE DATE:** 10-Oct-2012

### **DEVICE(S)**

MPN
MCIMX280CVM4B
MCIMX280CVM4BR2
MCIMX280DVM4B
MCIMX280DVO4B
MCIMX281AVM4B
MCIMX283CVM4B
MCIMX283CVM4BR2
MCIMX283DVM4B
MCIMX285AVM4B
MCIMX286CVM4B
MCIMX286DVM4B
MCIMX287CVM4B

### **AFFECTED CHANGE CATEGORIES**

- DEVICE SPECIFICATION / ERRATA

### **DESCRIPTION OF CHANGE**

An update to the i.MX28 Errata document has been published. Please visit [www.freescale.com/imx28](http://www.freescale.com/imx28) to download or view the latest i.MX28 Errata document titled IMX28CE, revision 2.

The following have been added:

- ERR002656 FlexCAN: Abort request blocks the CODE field
- ERR002360 FlexCAN: Global Masks misalignment
- 2765 EMI Clock: Switching to synchronous mode error
- 2858 USB controller may access a wrong address for the dTD (endpoint transfer descriptor) and then hangs
- 2814 The DCDC converters unexpectedly turn on when 5 V is removed while the DCDC\_XFER bit is clear
- 2811 Unreliability of VDD5V\_GT\_VDDIO functionality

- TKT131240 SSP0/1-SD/MMC/eMMC Boot: SSP\_SCK polarity setup issue in ROM
- 5837 Setting the ENABLE\_DCDC bit in the HW\_POWER\_DCDC4P2 or HW\_POWER\_5VCTRL registers can result in false brownout detection
- TKT140334 ONFI 3.0 NAND boot-up issue

## **REASON FOR CHANGE**

The i.MX28 Errata document has been updated to communicate additions for customers who are using or evaluating i.MX28x devices.

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

There is no change in form, fit, function or reliability.

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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:** 17-Aug-2012

**QUALIFICATION STATUS:** N/A

**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:

[15364\\_IMX28CE.pdf](#)

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