



## PRODUCT BULLETIN

### Generic Copy

**ISSUE DATE:** 13-Dec-2013  
**NOTIFICATION:** 15957  
**TITLE:** MC34708 Datasheet and Errata Updates  
**EFFECTIVE DATE:** 14-Dec-2013

#### DEVICE(S)

MPN
MC34708VK
MC34708VKR2
MC34708VM
MC34708VMR2

#### AFFECTED CHANGE CATEGORIES

- DATASHEET
- ERRATA

#### DESCRIPTION OF CHANGE

Freescall is announcing datasheet and errata updates for the MC34708 devices listed in this notification. The updated documents provide a detailed description of the changes. Changes are summarized below.

##### Datasheet:

1. Append the following sentence to the first paragraph in Section 7.3.1.2:  
 "Ensure that the chosen crystal has a typical drive level of 0.5μW or above to ensure proper operation of the crystal oscillator. Using a crystal with a lower drive level can cause overtone oscillations."
2. Add note to Table 16 VSRTC Electrical Specifications:  
 "Valid for BP > 2.4V and/or LICELL > 2.0V"

##### Errata:

1. Updated Errata 39 regarding false start and/or non-start of regulators.
2. Updated Errata 40 regarding incorrect CLK32K and CLK32KMCU Output.

The MC34708 datasheet revision 11.0 can be found at:

[http://freescall.com/files/analog/doc/data\\_sheet/MC34708.pdf?&Parent\\_nodeId=&Parent\\_pageType=](http://freescall.com/files/analog/doc/data_sheet/MC34708.pdf?&Parent_nodeId=&Parent_pageType=)

The MC34708 errata revision 9.0 can be found at:

[http://freescall.com/files/analog/doc/errata/MC34708ER.pdf?&Parent\\_nodeId=&Parent\\_pageType=](http://freescall.com/files/analog/doc/errata/MC34708ER.pdf?&Parent_nodeId=&Parent_pageType=)

#### REASON FOR CHANGE

Datasheet and errata have been updated to correct errors and provide additional technical clarification.

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

There is no impact to device 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:** 15-Nov-2013

**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:**

There is no change to the orderable part number or marking.

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**ATTACHMENT(S):**

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

[15957\\_MC34708.pdf](#)

[15957\\_MC34708ER.pdf](#)

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