



PRODUCT BULLETIN UPDATE
Generic Copy

ISSUE DATE: 27-Jul-2012
NOTIFICATION: 15022B
TITLE: MC34708 ERRATA DATASHEET CHANGES
EFFECTIVE DATE: 28-Jul-2012

DEVICE(S)

MPN
MC34708VK
MC34708VKR2
MC34708VM
MC34708VMR2
PC34708VK
PC34708VKR2
PC34708VM
PC34708VMR2

AFFECTED CHANGE CATEGORIES

- DEVICE SPECIFICATION / ERRATA

DESCRIPTION OF CHANGE

Freescale updated errata document MC34708ER with several high severity errata that limit or inhibit the use of the intended application. Those errata were to be fixed with a planned P2.5 silicon revision. However after further evaluation of the charger circuit a fundamental issue was identified in the ILIM that prevents us with moving forward with P2.5. As this issue cannot be simulated in the design environment and will require lengthy die level debug, Freescale has decided not to proceed with the planned fixes.

While we regret the situation, we believe this is the best course of action given the nature of the problem.

For customers who do not require the charger function, there will be no impact from this decision. For customers who do require the charger function, we recommend the following solutions:

- i.MX50 Family: MC13892 has been proven with the i.MX50 family and can support charger functionality.
- I.MX53 Family: The required output current can not be support by the MC13892. Therefore, an external charger with MC34709 is recommended.

Note: Both the MC34708 datasheet and errata documents will be updated to reflect the final changes. Details for those changes will be made available in a future product notification.

Please contact your local sales representative if you have immediate questions or concerns.

REASON FOR CHANGE

MC34708 P2.5 product change cancelled.

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

There has been no change made to the current production device.

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

RELATED NOTIFICATION(S):

[15022](#) - MC34708 ERRATA DATASHEET CHANGES

[15022A](#) - MC34708 ERRATA UPDATE

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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
