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**PRODUCT BULLETIN**  
Generic Copy

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**ISSUE DATE:** 05-Apr-2013  
**NOTIFICATION:** 15613  
**TITLE:** MMA8491Q DESIGN IMPROVEMENT FOR STICTION  
**EFFECTIVE DATE:** 06-Apr-2013

**DEVICE(S)**

MPN
FXLS8491CQR1
FXLS8491CQT
MMA8491QR1
MMA8491QT

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**AFFECTED CHANGE CATEGORIES**

- DESIGN CHANGE

**DESCRIPTION OF CHANGE**

Freescale is pleased to announce the qualification of a g-cell design improvement for the production of the 3-axis accelerometer products listed on this notice. The change is an adjustment in quantity and location of z-axis stops, enabling a more robust response to high-G events.

**REASON FOR CHANGE**

This change is to insure ongoing supply as well as quality of supply.

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

There is no change to 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:** 29-Mar-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:**

N/A

**SAMPLE AVAILABILITY DATE:** 29-Mar-2013

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**ATTACHMENT(S):**

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

[15613\\_Qual\\_Summary.pdf](#)

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