



PRODUCT AND PROCESS CHANGE NOTIFICATION
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ISSUE DATE: 24-Jul-2014
NOTIFICATION: 16339
TITLE: Sensor Airbag Accelerometer 6x6 QFN X and XY Axis Devices - Shake Removal During Final Test at -40C/105C
EFFECTIVE DATE: 22-Oct-2014

DEVICE(S)

MPN
MMA2612KWR2
MMA2612NKWR2
MMA2631NKWR2
MMA5206KWR2
MMA5212AKWR2
MMA5212KWR2
MMA5224AKWR2
MMA5224KWR2
MMA5248KWR2
MMA6519KWR2
MMA6525KWR2
MMA6527KWR2
MMA6555KWR2
MMA6556KWR2
MMA6801KWR2
MMA6811BKWR2
MMA6811KWR2
MMA6813BKWR2
MMA6813KWR2
MMA6821BKWR2
MMA6821KWR2
MMA6823BKWR2
MMA6823KWR2
MMA6825BKWR2
MMA6825KWR2
MMA6826BKWR2

MMA6826KWR2
MMA6827BKWR2
MMA6827KWR2
MMA6851BKWR2
MMA6852KWR2
MMA6853BKWR2
MMA6853KWR2
MMA6854KWR2
MMA6855BKWR2

AFFECTED CHANGE CATEGORIES

- TEST PROCESS

DESCRIPTION OF CHANGE

Freescale Semiconductor is announcing the removal of shaking for final test sensitivity measurements at temperature for Sensor Airbag Accelerometer 6x6 QFN X and XY axis devices. The shaking for sensitivity at temperature will be replaced with a correlated sensitivity algorithm. Shaking at final test trim will remain in place and unchanged.

REASON FOR CHANGE

To improve manufacturing flexibility and ensure supply.

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

There will be no impact on form, fit, function or reliability.

According to JEDEC Standard JESD46, lack of acknowledgement of this PCN within 30 days will be considered acceptance of change. To request further data or inquire about the notification, please enter a [Service Request](#).

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 30-May-2014

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

Refer to attached evaluation report.

RELIABILITY DATA SUMMARY:

Refer to attached evaluation report.

ELECTRICAL CHARACTERISTIC SUMMARY:

Refer to attached evaluation report.

CHANGED PART IDENTIFICATION:

There is no change to the orderable part number or marking. The date code for the change to the respective product can be provided upon request.

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:
[16339_PCN_16339_Evaluation_Data.pdf](#)
