



PRE ALERT - PRODUCT AND PROCESS CHANGE NOTIFICATION
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ISSUE DATE: 13-Mar-2014
NOTIFICATION: P16158
TITLE: SENSOR AIRBAG ACCELEROMETER 6X6 QFN ASSEMBLY
 TRANSFER FROM AMKOR KOREA K1 TO AMKOR PHILIPPINES P3
 FACILITY

DEVICE(S)

| MPN |
|--------------|
| MMA1618KWR2 |
| MMA1631NKWR2 |
| MMA2612KWR2 |
| MMA2612NKWR2 |
| MMA2631NKWR2 |
| MMA5106KWR2 |
| MMA5106LWR2 |
| MMA5112KWR2 |
| MMA5112LWR2 |
| MMA5124KWR2 |
| MMA5148KWR2 |
| MMA5206KWR2 |
| MMA5212AKWR2 |
| MMA5212KWR2 |
| MMA5224AKWR2 |
| MMA5224KWR2 |
| MMA5248KWR2 |
| MMA6519KWR2 |
| MMA6525KWR2 |
| MMA6527KWR2 |
| MMA6555KWR2 |
| MMA6556KWR2 |
| MMA6801KWR2 |
| MMA6811BKWR2 |
| MMA6811KWR2 |
| MMA6813BKWR2 |
| |

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|--------------|
| MMA6813KWR2 |
| MMA6821BKWR2 |
| MMA6821KWR2 |
| MMA6823BKWR2 |
| MMA6823KWR2 |
| MMA6825BKWR2 |
| MMA6825KWR2 |
| MMA6826BKWR2 |
| MMA6826KWR2 |
| MMA6827BKWR2 |
| MMA6827KWR2 |
| MMA6851BKWR2 |
| MMA6852KWR2 |
| MMA6853BKWR2 |
| MMA6853KWR2 |
| MMA6854KWR2 |
| MMA6855BKWR2 |

AFFECTED CHANGE CATEGORIES

- ASSEMBLY SITE

DESCRIPTION OF CHANGE

Freescale Semiconductor is announcing the assembly site transfer of its 6x6 QFN sensor accelerometers from the current Amkor Korea K1 assembly facility to the Amkor Philippines P3 assembly facility. The mold compound will also be changed.

REASON FOR CHANGE

Amkor Korea K1 site is closing by end of 2015.

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

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

QUAL DATA AVAILABILITY DATE: 31-Dec-2014

QUALIFICATION STATUS: NEW

QUALIFICATION PLAN:

Freescale Semiconductor Manufacturing standard specification for assembly transfers and material changes will be followed for this transfer.

RELIABILITY DATA SUMMARY:

Available after qualification complete.

ELECTRICAL CHARACTERISTIC SUMMARY:

Available after qualification complete.

CHANGED PART IDENTIFICATION:

The assembly site, among other information, is reflected in the package trace code.

The format for the Freescale standard trace code: AWLYYWW is the following:

A=Assembly Site, WL=Wafer Lot, YY=Year, WW=Work Week.

The current assembly site marking for Amkor Korea K1 is A = I

The marking for proposed assembly Amkor Philippines P3 is A = PR

SAMPLE AVAILABILITY DATE: 14-Oct-2014

ATTACHMENT(S):

N/A
