

## PRODUCT AND PROCESS CHANGE NOTIFICATION UPDATE

Generic Copy

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**ISSUE DATE:** 21-Apr-2016  
**NOTIFICATION:** 16997A  
**TITLE:** 3-AXIS DIGITAL MAGNETOMETER FAMILY LEADFRAME  
SUPPLIER AND MATERIAL CHANGE  
**EFFECTIVE  
DATE:** 21-May-2016

### **DEVICE(S)**

MPN
FXMS3110CD
FXMS3110D
MAG3110FC
MAG3110FCR1

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### **AFFECTED CHANGE CATEGORIES**

- BILL OF MATERIAL CHANGE (SAME ASSEMBLY SITE)

### **DESCRIPTION OF CHANGE**

Update notice to PCN 16997 to include qualification results.

Freescale Semiconductor announces the change of leadframe supplier from LGIC to Shinko with the same material composition. Only the 3-Axis Digital Magnetometer family will be impacted with the change. Both subcontractors are existing suppliers of Amkor Korea. There is no change to the leadframe design, dimensions or specifications between the two suppliers.

Orderable part number for samples will be PMAG3110FCR2.

### **REASON FOR CHANGE**

The change of leadframe supplier is required for supply assurance since the current supplier is closing.

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

There is no change in Form, Fit, Function or Reliability.

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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 [Support Case](#). **Be aware that after you select this link to enter your request, you must choose the topic "Product Change Notification" once on the Salesforce page.**

For sample inquiries - please go to [www.nxp.com](http://www.nxp.com)

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**RELATED NOTIFICATION(S):**

16997- 3-Axis Digital Magnetometer Family Leadframe Supplier and Material Change

TO VIEW the GENERIC copy, click on the notification number above.

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**QUAL DATA AVAILABILITY DATE:** 08-Apr-2016

**QUALIFICATION STATUS:** COMPLETED

**QUALIFICATION PLAN:**

See attached qualification plan.

**RELIABILITY DATA SUMMARY:**

See attached qualification plan and results.

**ELECTRICAL CHARACTERISTIC SUMMARY:**

See attached qualification plan and results.

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**CHANGED PART IDENTIFICATION:**

There is no change to orderable part number or markings.

**SAMPLE AVAILABILITY DATE:** 14-Dec-2015

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**ATTACHMENT(S):**

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

[16997A PCN 16997A Qualification Plan and Results.pdf](#)