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## PRODUCT BULLETIN

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**ISSUE DATE:** 18-Apr-2016  
**NOTIFICATION:** 17136  
**TITLE:** 33907x and 33908x Power System Basis Chip Enhanced Design Change Qualification  
**EFFECTIVE DATE:** 07-Jun-2016

### **DEVICE(S)**

MPN
MC33907LAE
MC33907LAER2
MC33907NAE
MC33907NAER2
MC33908LAE
MC33908LAER2
MC33908NAE
MC33908NAER2

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### **AFFECTED CHANGE CATEGORIES**

- DESIGN CHANGE

### **DESCRIPTION OF CHANGE**

NXP Semiconductors announces a design enhancement to the Power System Basis Chip devices associated with this notification. The new design will ensure the correct reading of the trim registers after a wake up from Low Power mode by CAN, resulting in a more robust solution for customer applications.

New design samples will be available upon 6th June 2016. There is no part number change. Affected part numbers are MC33907NAE, MC33908NAE, MC33907LAE and MC33908LAE.

The qualification has been successfully completed according to NXP specifications.

### **REASON FOR CHANGE**

The current design does not ensure the correct reading of the trim registers after a wake up from Low Power mode by CAN

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

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 [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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**QUAL DATA AVAILABILITY DATE:** 11-Apr-2016

**QUALIFICATION STATUS:** COMPLETED

#### **QUALIFICATION PLAN:**

N/A

#### **RELIABILITY DATA SUMMARY:**

N/A

#### **ELECTRICAL CHARACTERISTIC SUMMARY:**

N/A

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**CHANGED PART IDENTIFICATION:**

N/A

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**ATTACHMENT(S):**

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

[17136 Power System Basis Chip Delta Qualification Matrix.pdf](#)

[17136 Power System Basis Chip Design Changes Communication Package.pdf](#)

[17136 Power System Basis Chip Qualification Results.pdf](#)

[17136 Power System Basis Chip Electrical Distribution.pdf](#)