



## Product/Process Change Notice - PCN 15\_0017 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

**PCN Title:** Addition of Amkor Philippines as Alternate Assembly and Test Sites for 3L SOT23 and 4L SOT143 Packages

**Publication Date:** 13-Mar-2015

**Effectivity Date:** 11-Jun-2015 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

3L SOT23 and 4L SOT143 packages are currently assembled and tested at Carsem, Malaysia.

ADI has qualified and will be utilizing Amkor(AP1), Philippines, as an alternate assembly and Amkor(AP3) as test supplier for products in 3L SOT23 and 4L SOT143 Packages.

ADI has qualified Amkor's standard assembly bill of materials, see attached BOM for change details.

### Reason For Change

The addition of Amkor, Philippines as ADI assembly and test sites of 3L SOT23 and 4L SOT143 packages will ensure continued source of supply, optimize on-time delivery, and is aligned with ADI Worldwide Manufacturing strategic plans.

ADI assembly suppliers manufacture ADI products using Analog Devices specified assembly process flows, materials, process controls and monitors. Products will continue to be tested on the same platform, using the same Analog Devices test programs, monitors and controls.

This assures that ADI customers receive the same level of quality and reliability on products they receive from different manufacturing locations.

### Impact of the change (positive or negative) on fit, form, function & reliability

The device fit, form, function, and reliability, as specified by Product Data Sheets, will be unaffected by this change.

The addition of Amkor Philippines as an alternate assembly and test supplier allows future shipments of 3L SOT23 and 4L SOT143 packages from either Carsem Malaysia or Amkor Philippines.

### Product Identification *(this section will describe how to identify the changed material)*

Amkor, Philippines has a Matte mold surface finish versus Carsem, Malaysia Smooth mold surface finish.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Results Summary.

Test correlation and validation has been performed per ADI's standard site to site product transfer correlation procedure. See attached qualification report.

## Supporting Documents

**Attachment 1: Type:** Detailed Change Description

ADI\_PCN\_15\_0017\_Rev\_-\_Material Set Change.pdf

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**Attachment 2: Type:** Test Correlation Report

ADI\_PCN\_15\_0017\_Rev\_-\_ADM809 SOT23 Test Correlation Report.pdf

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**Attachment 3: Type:** Test Correlation Report

ADI\_PCN\_15\_0017\_Rev\_-\_ADM811 SOT143 Test Correlation Report.pdf

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**Attachment 4: Type:** Qualification Results Summary

ADI\_PCN\_15\_0017\_Rev\_-\_Qualification Results Summary of 3L\_SOT23 and 4L\_SOT143 at Amkor Philippines.pdf

**For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.**

**Americas:** PCN\_Americas@analog.com

**Europe:** PCN\_Europe@analog.com

**Japan:** PCN\_Japan@analog.com

**Rest of Asia:** PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (42)**

ADM809 / AD51084Z-0REEL7	ADM809 / ADM809-5LARTZ-REEL	ADM809 / ADM809-5LARTZ-RL7	ADM809 / ADM809-5SART-REEL	ADM809 / ADM809-5SARTZ-REEL
ADM809 / ADM809-5SARTZ-RL7	ADM809 / ADM809JARTZ-REEL7	ADM809 / ADM809LART-REEL7	ADM809 / ADM809LARTZ-REEL	ADM809 / ADM809LARTZ-REEL7
ADM809 / ADM809MART-REEL7	ADM809 / ADM809MARTZ-REEL	ADM809 / ADM809MARTZ-REEL7	ADM809 / ADM809RART-REEL	ADM809 / ADM809RARTZ-REEL7
ADM809 / ADM809RARTZ-REEL	ADM809 / ADM809RARTZ-REEL7	ADM809 / ADM809SART-REEL7	ADM809 / ADM809SARTZ-REEL	ADM809 / ADM809SARTZ-REEL7
ADM809 / ADM809TART-REEL7	ADM809 / ADM809TARTZ-REEL	ADM809 / ADM809TARTZ-REEL7	ADM809 / ADM809ZART-REEL	ADM809 / ADM809ZARTZ-REEL
ADM809 / ADM809ZARTZ-REEL7	ADM811 / ADM811-3TART-REEL7	ADM811 / ADM811-3TARTZ-RL7	ADM811 / ADM811LART-REEL7	ADM811 / ADM811LARTZ-REEL
ADM811 / ADM811LARTZ-REEL7	ADM811 / ADM811MARTZ-REEL	ADM811 / ADM811MARTZ-REEL7	ADM811 / ADM811RARTZ-REEL7	ADM811 / ADM811SARTZ-REEL7
ADM811 / ADM811SARTZ-REEL	ADM811 / ADM811SARTZ-REEL7	ADM811 / ADM811TART-REEL7	ADM811 / ADM811TARTZ-REEL	ADM811 / ADM811TARTZ-REEL7
ADM811 / ADM811ZART-REEL7	ADM811 / ADM811ZARTZ-REEL7			

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	13-Mar-2015	11-Jun-2015	Initial Release

Analog Devices, Inc.

DocId:3182 Parent DocId:2950 Layout Rev:7