



## Product/Process Change Notice - PCN 13\_0206 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

**PCN Title:** AD5384 Redesign and Wafer Fab Process Change  
**Publication Date:** 14-Oct-2013  
**Effectivity Date:** 12-Jan-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Wafer fabrication change from the 6" 0.5um process at Taiwan Semiconductor Manufacturing Company (TSMC), to the 8" 0.35um process at Analog Devices, Limerick Ireland, involving an all-layer change/redesign.

This redesign will result in the specification changes shown in the attached table.

### Reason For Change

Increased manufacturing flexibility and capacity.

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

No impact on fit, form, function & reliability of the AD5384

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

The date code changeover will be advised on a future revision of this PCN. The specification changes will be included in Rev B of the AD5384 Data Sheet.

### Summary of Supporting Information

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

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison

ADI\_PCN\_13\_0206\_Rev\_-\_Spec Tables.pdf

**Attachment 2: Type:**

ADI\_PCN\_13\_0206\_Rev\_-\_Qual Results Table.pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

**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 (1)**

AD5384 / AD5384BBCZ-5				
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	14-Oct-2013	12-Jan-2014	Initial Release

Analog Devices, Inc.

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