



## Product/Process Change Notice - PCN 09\_0203 Rev. A

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.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** ADI Silicon Valley Second-Generation Complementary Bipolar CMOS Process (CBCMOS2) Fab Transfer

**Publication Date:** 22-Jan-2013

**Effectivity Date:** 22-Apr-2013 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Add CMP402

### Description Of Change

ADI has successfully qualified and transferred many CBCMOS2 products in ADI's Wilmington, Massachusetts facility. This revision is to transfer the CMP402 to ADI's Wilmington facility.

In conjunction with the transfer, polyimide will be added on top of the passivation.

### Reason For Change

ADI is consolidating front-end manufacturing operations. Quality and reliability levels, electrical performance, and package dimensions are not affected by these changes. All transferred product will have comparable or improved manufacturing process capabilities.

The polyimide layer provides enhanced protection against package-induced stress and will facilitate further standardization of qualified material sets for plastic packages.

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

There will be no changes to the parts fit, form, function and reliability.

### 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: Qualification Report Summary

ADI\_PCN\_09\_0203\_Rev\_A\_CMP402PCNdata.docx

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****Existing Parts - Product Family / Model Number (17)**

AD8303 / AD8303AR	AD8303 / AD8303AR-REEL	AD8303 / AD8303ARZ	AD8303 / AD8303ARZ-REEL	AD8303 / AD8303JRUZ
TMP35 / TMP35FS	TMP35 / TMP35FS-REEL	TMP35 / TMP35FSZ	TMP35 / TMP35FSZ-REEL	TMP35 / TMP35GRT-REEL7
TMP35 / TMP35GRTZ-REEL7	TMP35 / TMP35GS	TMP35 / TMP35GS-REEL	TMP35 / TMP35GSZ	TMP35 / TMP35GSZ-REEL
TMP35 / TMP35GT9	TMP35 / TMP35GT9Z			

**Added Parts On This Revision - Product Family / Model Number (4)**

CMP402 / CMP402GRUZ-REEL	CMP402 / CMP402GS	CMP402 / CMP402GSZ	CMP402 / CMP402GSZ-REEL	
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	23-Nov-2009	21-Feb-2010	Subsequent revisions of PCN06_0060. Additional parts are added.
Rev. A	22-Jan-2013	22-Apr-2013	Add CMP402

Analog Devices, Inc.

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