



Product/Process Change Notice - PCN 09_0204 Rev. B

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: AD8628 Die Revision

Publication Date: 20-Aug-2010

Effectivity Date: 31-May-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Added wafer diameter change to Description of Change section.

Description Of Change

Circuitry modified to improve ESD and latch-up performance. With this change, ADI is also transferring the AD8628 from the 6" TSMC Fab 2A to the 8" TSMC Fab 9.

Reason For Change

Latch-up performance improved. ESD-HBM rating improved to 7000V (class 3A) from 2000V (class 1).

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

Increased reliability. No impact on performance. No change to assembly materials.

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

Date code for first available material is 022.

Summary of Supporting Information

Qualification was performed and completed per ADI0012. See attached qualification report.

Supporting Documents

Attachment 1: Type: Reliability Report

ADI_PCN_09_0204_Rev_B_RQR8202_Product_Revision.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**Existing Parts - Product Family / Model Number (17)**

AD8628 / AD86280001RTR	AD8628 / AD86280001RTZR7	AD8628 / AD8628AR	AD8628 / AD8628AR-REEL	AD8628 / AD8628AR-REEL7	AD8628 / AD8628ART-REEL7
AD8628 / AD8628ARTZ-R2	AD8628 / AD8628ARTZ-REEL7	AD8628 / AD8628ARZ	AD8628 / AD8628ARZ-REEL	AD8628 / AD8628ARZ-REEL7	AD8628 / AD8628AUJ-R2
AD8628 / AD8628AUJ-REEL	AD8628 / AD8628AUJ-REEL7	AD8628 / AD8628AUJZ-R2	AD8628 / AD8628AUJZ-REEL	AD8628 / AD8628AUJZ-REEL7	

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	02-Mar-2010	Initial Release
Rev. A	06-Apr-2010	To correct Date code for first available material (from 040 to 022) to match effectivity date (5/31/2010).
Rev. B	20-Aug-2010	Added wafer diameter change to Description of Change section.

Analog Devices, Inc.

DocId:1247 Parent DocId:None Layout Rev.3