



Product/Process Change Notice - PCN 09_0062 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: AD8629 Die Revision
Publication Date: 22-Dec-2009
Samples Available Date:
Effectivity Date: 14-Dec-2009 (the earliest date that a customer could expect to receive changed material)

Revision Description:

Updated material availability date code.

Description Of Change

Circuitry modified to improve ESD and latch-up performance.

Reason For Change

Latch-up performance improved. ESD-HBM rating improved to 4000V (class 3A) from 2000V (class C2).

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 0946.

Summary of Supporting Information

Qualification completed per Analog Devices specification ADI0012, Procedure for Qualification of New or Revised Processes or Products. See attached qualification data.

Supporting Documents

Attachment 1: Type: Reliability Report

ADI_PCN_09_0062_Rev_A_RQR7955_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 (6)

AD8629 / AD8629ARMZ	AD8629 / AD8629ARMZ-R2	AD8629 / AD8629ARMZ-REEL	AD8629 / AD8629ARZ	AD8629 / AD8629ARZ-REEL	AD8629 / AD8629ARZ-REEL7
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Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	15-Sep-2009	Initial Release
Rev. A	22-Dec-2009	Updated material availability date code.

Analog Devices, Inc.

DocId:942 Parent DocId:None Layout Rev:3