



Product/Process Change Notice - PCN 09_0205 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: AD8630 Die Revision
Publication Date: 22-Dec-2009
Samples Available Date:
Effectivity Date: 22-Mar-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Circuitry modified to improve ESD and latch-up performance.

Reason For Change

Latch-up performance improved. ESD-HBM rating improved to 5000V (class 3A) from 3000V (class 2). ESD-MM Rating improved to 200V (class M3) from 150V (class M2).

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 TBD.

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_0205_Rev_-_RQR8172_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

Added Parts On This Revision - Product Family / Model Number (5)

AD8630 / AD8630ARUZ	AD8630 / AD8630ARUZ-REEL	AD8630 / AD8630ARZ	AD8630 / AD8630ARZ-REEL	AD8630 / AD8630ARZ-REEL7
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Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	22-Dec-2009	Initial Release

Analog Devices, Inc.

DocId:865 Parent DocId:691 Layout Rev:3