



Product/Process Change Notice - PCN 09_0101 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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

PCN Title: AD8605: Addition of Polyimide Layer in Wafer Fabrication on 5L-SOT23
Publication Date: 01-Jun-2009
Samples Available Date: 01-Jun-2009
Effectivity Date: 30-Aug-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Polyimide overcoat layer to be implemented for the wafer fabrication process of the AD8605 in 5L-SOT23. Electrical performance (per datasheet) is not affected by this change.

Reason For Change

Vos performance of the AD8605 has been related to package stress sensitivity. Addition of the polyimide layer reduces this sensitivity to package and improves the device reliability.

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

No change to assembly build of material. Improved reliability.

Summary of Supporting Information

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

Supporting Documents

Attachment 1: ADI_PCN_09_0101_Rev_-_ad8605 Qual Data.doc

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 (9)

AD8605 / AD86050001RTZR	AD8605 / AD86050002RTR7	AD8605 / AD86050003RTZR7	AD8605 / AD8605ART-R2	AD8605 / AD8605ART-REEL	AD8605 / AD8605ART-REEL7
AD8605 / AD8605ARTZ-R2	AD8605 / AD8605ARTZ-REEL	AD8605 / AD8605ARTZ-REEL7			

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	01-Jun-2009	Initial Release

Analog Devices, Inc.

DocId:740 Parent DocId:None