



Product/Process Change Notice - PCN 12_0097 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: AD8657 and AD8546 Transfer to TSMC Fab 10 and Mask Change

Publication Date: 06-Jun-2012

Effectivity Date: 04-Sep-2012 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

The AD8657 and AD8546 are being transferred from FAB 3C to FAB 10 of TSMC (Taiwan Semiconductor Manufacturing Company). As part of the transfer, design change in the bias circuit was implemented to improve the Vos performance of the products.

Reason For Change

Increased wafer fabrication capacity and to enhance the Vos performance at low voltage of the device.

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

Fit,form,function remain same.

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

Lot ID provides direct traceability to foundry site. Datecode will distinguish pre-PCN and post-PCN material. Exact datecode of changeover will be advised closer to the date.

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 Plan Summary

ADI_PCN_12_0097_Rev_-_AD8546 die rev Ya at TSMC Fab 10 per QP9913 qual summary for PCN.docx

Attachment 2: Type: Qualification Plan Summary

ADI_PCN_12_0097_Rev_-_AD8657 die rev Ya at TSMC Fab 10 per QP9865 qual summary for PCN.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

Added Parts On This Revision - Product Family / Model Number (8)

AD8546 / AD8546ARMZ	AD8546 / AD8546ARMZ-R7	AD8546 / AD8546ARMZ-RL	AD8657 / AD8657ACPZ-R7	AD8657 / AD8657ACPZ-RL
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	06-Jun-2012	04-Sep-2012	Initial Release

Analog Devices, Inc.

DocId:1937 Parent DocId:None Layout Rev:6