



Product/Process Change Notice - PCN 11_0103 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: Metal Mask Revision AD9235A Die
Publication Date: 20-Jun-2011
Effectivity Date: 18-Sep-2011 (the earliest date that a customer could expect to receive changed material)

Revision Description:

Initial Release

Description Of Change

The design revision included minor mask changes to metal and via layers to adjust a common-mode voltage level.

Reason For Change

The part did not meet the data sheet maximum INL and DNL specifications at low sample rates (<5Msps) and low temperature (-40C).

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

The AD9245 and AD9235 will now operate at the minimum Sample rate = 1 MHz data sheet specification over temperature and supply range. There is no change to fit, form and reliability.

Summary of Supporting Information

Characterization has been performed and data is available upon request.

Supporting Documents None

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 (18)

AD9235 / AD9235ACHIPS	AD9235 / AD9235BCP-20EBZ	AD9235 / AD9235BCP-40EBZ	AD9235 / AD9235BCP-65EBZ	AD9235 / AD9235BCPZ-20
AD9235 / AD9235BCPZ-40	AD9235 / AD9235BCPZ-65	AD9235 / AD9235BCPZRL7-20	AD9235 / AD9235BCPZRL7-40	AD9235 / AD9235BCPZRL7-65
AD9245 / AD9245BCP-20EBZ	AD9245 / AD9245BCP-40EBZ	AD9245 / AD9245BCPZ-20	AD9245 / AD9245BCPZ-40	AD9245 / AD9245BCPZ-65
AD9245 / AD9245BCPZRL7-20	AD9245 / AD9245BCPZRL7-40	AD9245 / AD9245BCPZRL7-65		

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	20-Jun-2011	Initial Release

Analog Devices, Inc.

DocId:1534 Parent DocId:None Layout Rev:4