



Product/Process Change Notice - PCN 14_0265 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: AD9154 Die Revision

Publication Date: 15-Dec-2014

Effectivity Date: 27-Feb-2015 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Re-wire current mirrors of some blocks (JESD PLL, DAC PLL, temperature sensor) to 1.2V supply.

Reason For Change

Several current mirrors of some blocks (JESD PLL, DAC PLL, temperature sensor) have current sources that are connected to 3.3V supply rails. In some power down conditions, this may allow some 1.2V drains to float to 3.3V.

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

The change prevents 1.2V drains to float to 3.3V.

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

Revision ID register 0x006 = 0x89.

Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

Supporting Documents

Attachment 1: Type: Qualification Plan

ADI_PCN_14_0265_Rev_-_AD9154 Qual Plan.doc

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

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 (2)

AD9154 / AD9154BCPZ

AD9154 / AD9154BCPZRL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	15-Dec-2014	27-Feb-2015	Initial Release

Analog Devices, Inc.

DocId:3141 Parent DocId:None Layout Rev:7