



Product/Process Change Notice - PCN 09_0008 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: AD5162, AD5170, AD5172, AD5173, AD5243 and AD5248 Datasheet Update

Publication Date: 11-Feb-2009

Samples Available Date:

Effectivity Date: 02-Mar-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

2.5KOhm R-INL, Zero-Scale and Full-Scale Error specifications update. See attachment for details.
10KOhm, 50KOhm and 100KOhm resistor option are not affected.

Reason For Change

AD5170, AD5172, AD5173, AD5162, AD5243 and AD5248 generics are transferring from 6" to 8" Fab(see PCN 04_0080 Rev D) in Analog Devices Limerick. As a result of this transfer it has been necessary to change the 2.5KOhm R-INL, Zero-Scale and Full-Scale Error specifications for the 8" parts to improve manufacturability.

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

Some customers may need to revise their system specification.

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

The above changes are effective from the following date codes...

Generic Date Code

AD5162 909

AD5170 904

AD5172 904

AD5173 837

AD5243 842

AD5248 909

Summary of Supporting Information

Changes supported by characterisation and simulation data.

Comments

Changes have been implemented in the revisions for the following datasheets: AD5170, Rev. E, AD5172 Rev. H, AD5173 Rev. H, AD5162 Rev. B, AD5243 Rev. A and AD5248 Rev. A to reflect the new specifications.

Samples of the 8" devices are available on request from March 23rd '09

Supporting Documents

Attachment 1: ADI_PCN_09_0008_Rev_-_AD5162_AD5170_AD5172_AD5173_AD5243_AD5248_SpecificationUpdate.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 (21)**

AD5162 / AD5162BRM2.5	AD5162 / AD5162BRM2.5-RL7	AD5162 / AD5162BRMZ2.5	AD5162 / AD5162BRMZ2.5-RL7	AD5170 / AD5170BRM2.5	AD5170 / AD5170BRM2.5-RL7
AD5170 / AD5170BRMZ2.5	AD5172 / AD5172BRM2.5	AD5172 / AD5172BRM2.5-RL7	AD5172 / AD5172BRMZ2.5	AD5173 / AD5173BRM2.5	AD5173 / AD5173BRM2.5-RL7
AD5173 / AD5173BRMZ2.5	AD5173 / AD5173BRMZ2.5-RL7	AD5243 / AD5243BRM2.5	AD5243 / AD5243BRMZ2.5	AD5243 / AD5243BRMZ2.5-RL7	AD5248 / AD5248BRM2.5
AD5248 / AD5248BRM2.5-RL7	AD5248 / AD5248BRMZ2.5	AD5248 / AD5248BRMZ2.5-RL7			

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	11-Feb-2009	Initial Release

Analog Devices, Inc.

DocId:620 Parent DocId:None