



Product/Process Change Notice - PCN 09_0069 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: AD5227/AD5228 Datasheet Specification Change
Publication Date: 01-Apr-2009
Samples Available Date:
Effectivity Date: 28-May-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

As advised on PCN 04_0080 issued in November 2007, the AD5227 and AD5228 generics transferred from 6" to 8" fab in Analog Devices Limerick. As a result of this transfer, it has been necessary to change the datasheet parameters for the 8" parts as follows:

AD5227

Wiper Resistance VDD = 2.7V (Ohm): from Max 200 to Max 250
Wiper Resistance VDD = 2.8-5.5V (Ohm): was not specified, now Max 200
Full-Scale Error (LSB): from Min -1 to Min -1.2
Zero-Scale Error (LSB): from Max 1 to Max 1.2

AD5228

Wiper Resistance VDD = 2.7V (Ohm): from Max 200 to Max 250
Wiper Resistance VDD = 2.8-5.5V (Ohm): was not specified, now Max 200
Full-Scale Error (LSB): from Min -1 to Min -1.2
Zero-Scale Error (LSB): from Max 0.5 to Max 0.6

Reason For Change

Specification changes as a result of a fab process change.

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

This specification change described above will not have any impact on the quality or reliability of the devices.

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

AD5227BUJZ10-RL7 – Effective immediately
AD5227BUJZ50-RL7 – from Date Code 914
AD5227BUJZ100-RL7 – from Date Code 914

AD5228BUJZ10-RL7 – from Date Code 914
AD5228BUJZ50-RL7 – from Date Code 914
AD5228BUJZ100-RL7 – from Date Code 914

Summary of Supporting Information

These changes are reflected in Rev A of the AD5227 and AD5228 datasheets.

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 (6)

AD5227 / AD5227BUJZ10-RL7	AD5227 / AD5227BUJZ100-RL7	AD5227 / AD5227BUJZ50-RL7	AD5228 / AD5228BUJZ10-RL7	AD5228 / AD5228BUJZ100-RL7	AD5228 / AD5228BUJZ50-RL7
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Appendix B - Revision History

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

Analog Devices, Inc.

DocId:699 Parent DocId:None