



Product/Process Change Notice - PCN 11_0258 Rev. A

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: AD5259 Metal Edit

Publication Date: 16-May-2012

Effectivity Date: 15-Jun-2012 (the earliest date that a customer could expect to receive changed material)

Revision Description:

Updated PCN to include effectivity date-code information

Description Of Change

A metal edit is being implemented to address a Power Supply Sequencing sensitivity issue at Vlogic.

Reason For Change

This metal edit will improve device robustness at power-up by removing a sensitivity to Power Supply Sequencing at Vlogic.

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

Improvement in functionality.
No impact on fit, form or reliability.

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

For all AD5259 models (5K, 10K, 50K, 100K), switch-over to new silicon can be traced by means of the assembly date-code branded on the package as follows:
AD5259BRMZ5 and AD5259BCPZ5 1219 onwards
AD5259BRMZ10 and AD5259BCPZ10 1212 onwards
AD5259BRMZ50 and AD5259BCPZ50 1219 onwards
AD5259BRMZ100 and AD5259BCPZ100 1219 onwards

Summary of Supporting Information

Samples of the new AD5259 have been bench-tested to confirm the fix in silicon.

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

Existing Parts - Product Family / Model Number (12)

AD5259 / AD5259BCPZ10-R7	AD5259 / AD5259BCPZ100-R7	AD5259 / AD5259BCPZ5-R7	AD5259 / AD5259BCPZ50-R7	AD5259 / AD5259BRMZ10
AD5259 / AD5259BRMZ10-R7	AD5259 / AD5259BRMZ100	AD5259 / AD5259BRMZ100-R7	AD5259 / AD5259BRMZ5	AD5259 / AD5259BRMZ5-R7

AD5259 / AD5259BRMZ50	AD5259 / AD5259BRMZ50-R7			
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Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	11-Oct-2011	Initial Release
Rev. A	16-May-2012	Updated PCN to include effectivity date-code information

Analog Devices, Inc.

DocId:1946 Parent DocId:None Layout Rev:6