



# Product/Process Change Notice - PCN 12\_0013 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:** AD5258 Metal Edit

**Publication Date:** 08-May-2012

**Effectivity Date:** 06-Aug-2012 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**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 AD5258 models (1K, 10K, 50K, 100K), switchover to new silicon can be traced by means of the assembly date-code branded on the package as follows:  
AD5258BRMZ1 1219 onwards  
AD5258BRMZ10 1219 onwards  
AD5258BRMZ50 1207 onwards  
AD5258BRMZ100 1219 onwards

**Summary of Supporting Information**

Samples of the new AD5258 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**

<b>Americas:</b> PCN_Americas@analog.com	<b>Europe:</b> PCN_Europe@analog.com	<b>Japan:</b> PCN_Japan@analog.com
		<b>Rest of Asia:</b> PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (8)**

AD5258 / AD5258BRMZ1	AD5258 / AD5258BRMZ1-R7	AD5258 / AD5258BRMZ10	AD5258 / AD5258BRMZ10-R7	AD5258 / AD5258BRMZ100
AD5258 / AD5258BRMZ100-R7	AD5258 / AD5258BRMZ50	AD5258 / AD5258BRMZ50-R7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	08-May-2012	Initial Release

Analog Devices, Inc.

DocId:1821 Parent DocId:None Layout Rev.6