



## Product/Process Change Notice - PCN 12\_0143 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:** AD5700/AD5700-1 Metal Mask Edit Resulting in updated Datasheet to reflect Extended Supply Range.

**Publication Date:** 28-Jan-2013

**Effectivity Date:** 26-Feb-2013 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Update to include date code changeover of 1303

### Description Of Change

Minor mask changes have been implemented to widen the supply operating range of the AD5700/AD5700-1. Specifically, the Vcc supply minimum voltage specification will change from 2V to 1.71V.

### Reason For Change

The change is necessary to reflect the extended Vcc supply performance of the AD5700/AD5700-1.

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

This change will not affect the form, fit or reliability of this device and will improve functionality in terms of widening the supply range.

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

The above changes will be effective from date code 1303 and will be reflected on Rev C of the AD5700/AD5700-1 datasheet.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Report Summary

ADI\_PCN\_12\_0143\_Rev\_A\_AD5700 AD5700-1 Qual Results.pdf

**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 (6)**

AD5700 / AD5700ACPZ-RL7	AD5700 / AD5700BCPZ-R5	AD5700 / AD5700BCPZ-RL7	AD5700-1 / AD5700-1ACPZ-RL7	AD5700-1 / AD5700-1BCPZ-R5
AD5700-1 / AD5700-1BCPZ-RL7				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	28-Nov-2012	26-Feb-2013	Initial release
Rev. A	28-Jan-2013	26-Feb-2013	Update to include date code changeover of 1303

Analog Devices, Inc.

DocId:2249 Parent DocId:None Layout Rev:7