



## Product/Process Change Notice - PCN 11\_0084 Rev. B

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:** ADT7301 and ADT7302 mask revision

**Publication Date:** 05-Sep-2011

**Effectivity Date:** 05-Sep-2011 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Updated effectivity date from 1130 to 1132

### Description Of Change

Minor edits to 3 masks affecting 2 transistors on the ADT7301 and ADT7302 devices.

### Reason For Change

Changes were necessary to resolve temperature offset error/power supply sensitivity when operated at 4.75V or greater.

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

Form and fit remain unchanged. Function change: reduces temp offset error sensitivity at Vdd greater than 4.75V.

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

Shipments of new material will be available from date code 1132 and onwards

### Summary of Supporting Information

Metal mask edits are supported by test characterization. (See attached summary)  
No changes to datasheet.

### Comments

Only affects operation of ADT7301 or ADT7302 at 4.75V or greater.

### Supporting Documents

**Attachment 1: Type:** Test Correlation Report

ADI\_PCN\_11\_0084\_Rev\_B\_Characterisation Summary.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 (10)**

ADT7301 / ADT7301ARMZ	ADT7301 / ADT7301ARMZ-REEL7	ADT7301 / ADT7301ARTZ-500RL7	ADT7301 / ADT7301ARTZ-5RL7ST	ADT7301 / ADT7301ARTZ-REEL7
ADT7302 / ADT7302ARMZ	ADT7302 / ADT7302ARMZ-REEL7	ADT7302 / ADT7302ARTZ-500RL7	ADT7302 / ADT7302ARTZ-REEL7	ADT7302 / ADW75006Z-0REEL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	04-May-2011	Initial Release
Rev. A	02-Aug-2011	Updated with Date Code Effectivity
Rev. B	05-Sep-2011	Updated effectivity date from 1130 to 1132

Analog Devices, Inc.

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