



Product/Process Change Notice - PCN 11_0301 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: ADT7301 and ADT7302 Datasheet Correction

Publication Date: 16-Dec-2011

Effectivity Date: 16-Dec-2011 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Datasheet typical value for Temperature conversion time changed from 0.8ms to 1.2ms

Reason For Change

Datasheet updated to more accurately reflect typical values

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

No change to form, fit or reliability. No change to function, however datasheet now more accurately reflects typical values for autoconversion and temperature conversion times

Additional Note:

Polling the temperature at intervals less than the typical temperature conversion time may result in a temperature update on every second read.

Summary of Supporting Information

Rev B of both ADT7301 and ADT7302 datasheets incorporates this correction

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 (9)

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

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	16-Dec-2011	Initial Release

Analog Devices, Inc.

DocId:1783 Parent DocId:None Layout Rev:6