



Product/Process Change Notice - PCN 09_0252 Rev. -

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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 Metal Mask Edit and Datasheet Correction
Publication Date: 16-Dec-2009
Samples Available Date: 19-Jan-2010
Effectivity Date: 16-Mar-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

As described in PCN no. 08_0058, the ADT7301/ADT7302 devices were transferred from 6" wafer fab in ADI, Ireland to 8" wafer fab in TSMC, Taiwan. As a result of this transfer it was necessary to make the following change:

Metal1 mask edit to ensure that the TSMC 8" silicon matches the historic 6" Oscillator Frequency update rate.

In addition, the datasheet "Auto Conversion Update Rate" typical specification was incorrectly specified at 1s instead of 1.5s. This is unrelated to the process transfer.

Reason For Change

- 1) To adjust Oscillator Frequency on 8" material to match 6" performance.
- 2) Datasheet "Auto Conversion Update Rate" typical specification correction.

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

Edit will not have a negative impact on form fit or function of the devices.

Summary of Supporting Information

Metal mask edit supported by test characterization.
Rev A of the datasheet will incorporate the 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-2009	Initial Release