



Product/Process Change Notice - PCN 16_0010 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title: AD8280 Metal Mask Revision and Data Sheet Specification Changes

Publication Date: 01-Mar-2016

Effectivity Date: 30-May-2016 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

There is an increase in the internal oscillator frequency that is accomplished by rerouting one of the resistors that sets such frequency. This change affects the dynamic performance of the part, see attached Data Sheet Specification Comparison to review all specification changes.

Reason For Change

The change moves the Self-Test Completion Time distribution below 1000 ms. Based on customer feedback, Self-Test Completion Time max of 1000 ms is regarded as a key specification and has remained unchanged.

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

Customers using the deglitch feature should note the new ranges for improved functionality. There is no impact on fit, form, or reliability.

Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary. Data Sheet specification changes are reflected in the AD8280 Data Sheet Rev. E.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_16_0010_Rev_-_AD8280_Specification_Comparison.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_16_0010_Rev_-_AD8280_Qualification_Results_Summary.pdf

Attachment 3: Type: Revised Datasheet Specification

ADI_PCN_16_0010_Rev_-_AD8280_Data_Sheet_RevE.pdf

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

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 (2)				
AD8280 / AD8280WASTZ	AD8280 / AD8280WASTZ-RL			

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	01-Mar-2016	30-May-2016	Initial Release

Analog Devices, Inc.

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