



Product/Process Change Notice - PCN 13_0289 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: AD8338 Datasheet Changes

Publication Date: 19-Nov-2013

Effectivity Date: 19-Nov-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Datasheet updates:

- Expanded tables for Gain, and Output Interface sections
- Added Logic Level Specifications to MODE pin
- Added additional RTI Noise Specifications for Min and Mid level gains.
- Added additional specifications for VREF

Datasheet correction:

- Corrected specified VGain condition for 4.5nV/rtHz noise

Reason For Change

The Datasheet was updated to include new or missing specifications. The changes include a correction to the condition required to obtain the 4.5nV/rtHz noise which reflects actual device performance.

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

For designs which require the 4.5nV/rtHz of noise, the user must operate the device under the maximum gain possible ($V_{gain}=1.1V$). Otherwise, the device exhibits a noise of 15nV/rtHz at mid-gain ($V_{gain}=0.6V$).

Summary of Supporting Information

See updated Datasheet Rev A

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 (2)

AD8338 / AD8338ACPZ-R7

AD8338 / AD8338ACPZ-RL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	19-Nov-2013	19-Nov-2013	Initial Release

Analog Devices, Inc.

DocId:2645 Parent DocId:None Layout Rev:7