



# Product/Process Change Notice - PCN 11\_0115 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:** ADG5412/ADG5413/ADG5436/ADG5404/ADG5408/ADG5409/ADG5433/ADG5434 N-plug layer Edits

**Publication Date:** 07-Jun-2011

**Effectivity Date:** 07-Jun-2011 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

N-plug layer edits resulting in spacing change from gate to n-plug in order to improve an alignment sensitivity for improved lss at +/-20V supplies.

Addition of lss max specification to +/-20V table: lss max @ -40C to +125C = 1uA.

### Reason For Change

Improved alignment sensitivity.

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

The N-plug layer edits will not affect form, fit or function. The performance of the part will continue to match the datasheet specification.

### Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached qualification report summary.

### Supporting Documents

#### Attachment 1: Type:

ADI\_PCN\_11\_0115\_Rev\_-\_ADG54XX\_Qual results .pdf

**For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative**

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

### Appendix A - Affected ADI Models

#### Added Parts On This Revision - Product Family / Model Number (24)

ADG5404 / ADG5404BCPZ-REEL7	ADG5404 / ADG5404BRUZ	ADG5404 / ADG5404BRUZ-REEL7	ADG5408 / ADG5408BCPZ-REEL7	ADG5408 / ADG5408BRUZ	ADG5408 / ADG5408BRUZ-REEL7
ADG5409 / ADG5409BCPZ-REEL7	ADG5409 / ADG5409BRUZ	ADG5409 / ADG5409BRUZ-REEL7	ADG5412 / ADG5412BCPZ-REEL7	ADG5412 / ADG5412BRUZ	ADG5412 / ADG5412BRUZ-REEL7
ADG5413 / ADG5413BCPZ					

ADG5413 / ADG5413BRUZ-REEL7	ADG5413 / ADG5413BRUZ	ADG5413 / ADG5413BRUZ-REEL7	ADG5433 / ADG5433BCPZ-REEL7	ADG5433 / ADG5433BRUZ	ADG5433 / ADG5433BRUZ-REEL7
ADG5434 / ADG5434BCPZ-REEL7	ADG5434 / ADG5434BRUZ	ADG5434 / ADG5434BRUZ-REEL7	ADG5436 / ADG5436BCPZ-REEL7	ADG5436 / ADG5436BRUZ	ADG5436 / ADG5436BRUZ-REEL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	07-Jun-2011	Initial Release

Analog Devices, Inc.

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