



## Product/Process Change Notice - PCN 10\_0328 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:** AD7294 SFDR Specification Change

**Publication Date:** 03-Nov-2010

**Effectivity Date:** 03-Nov-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

AD7294 SFDR Specification Change

### Description Of Change

SFDR Specification Change Description:

Spurious-Free Dynamic Range (SFDR) specification to be updated as follows:

From:

-91dB(typ),-84.5dB(max) Condition: f<sub>N</sub>=10kHz sine wave; differential mode.

-93dB(typ),-85.5dB(max) Condition: f<sub>N</sub>=10kHz sine wave; single ended and pseudo differential modes.

To:

-81dB(typ),-74dB(max) Condition: f<sub>N</sub>=10kHz sine wave; differential mode.

-79dB(typ),-72dB(max) Condition: f<sub>N</sub>=10kHz sine wave; single ended and pseudo differential modes.

### Reason For Change

Updating datasheet to accurately reflect device capabilities. There is no change to the product design.

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

There is no change in the product design of the device therefore there will be no impact on the fit, form, function and reliability of the device.

### Summary of Supporting Information

Change is implemented in Rev.F of the AD7294 datasheet

**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 (4)**

AD7294 / AD7294BCPZ	AD7294 / AD7294BCPZRL	AD7294 / AD7294BSUZ	AD7294 / AD7294BSUZRL
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	03-Nov-2010	AD7294 SFDR Specification Change

Analog Devices, Inc.

DocId:1368 Parent DocId:None Layout Rev.4