



## Product/Process Change Notice - PCN 09\_0053 Rev. A

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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** AD8396 Change from Punched to Sawn Leadframe  
**Publication Date:** 11-Sep-2009  
**Samples Available Date:** 26-Aug-2009  
**Effectivity Date:** 10-Dec-2009 *(the earliest date that a customer could expect to receive changed material)*

### Description Of Change

ADI is changing from Punched leadframe to SAWN singulated leadframe. Package height will be reduced to 0.75mm from 0.85mm. The punched package will change from chamfered edges to square edges.

Corrected a typographical error on the datasheet specification page.  
Table 1 Output Characteristics  
Differential Swing into 50 Ohms now reads Single-ended Swing into 50 Ohms.

### Reason For Change

To improve manufacturability.

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

There is no impact on function or reliability. Lead length, width, pitch, and coplanarity are all the same. The EPAD size is the same.

### Summary of Supporting Information

Qualification has been performed per ADI0012 on products in similar package. See attached qualification report. See attached Datasheet for package revision and specification update.

### Supporting Documents

**Attachment 1:** ADI\_PCN\_09\_0053\_Rev\_A\_AD8396.pdf

**Attachment 2:** ADI\_PCN\_09\_0053\_Rev\_A\_7974\_Rel\_Report.pdf

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**

**Existing Parts - Product Family / Model Number (3)**

AD8396 / AD8396ACPZ-R2

AD8396 / AD8396ACPZ-R7

AD8396 / AD8396ACPZ-RL

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	03-Sep-2009	Initial Release
Rev. A	11-Sep-2009	Increase effectivity date to standard, 90 days

Analog Devices, Inc.

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