



## Product/Process Change Notice - PCN 09\_0276 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:** AD574 Class S Models Change from 100mm to 150mm Wafer Diameter

**Publication Date:** 12-Feb-2010

**Effectivity Date:** 31-May-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Change from wafers processed on the 100mm Bipolar process to qualify the listed parts on the 150mm (6") Bipolar at ADI's wafer fab facility in Wilmington, MA, USA. This process is equivalent to the 100mm process formerly in production at ADI Wilmington. Devices will continue to meet all device specification parameters.

Analog Devices' Wilmington wafer fab facility is currently certified to ISO9001:2008, ISO14001:2004, ISO/TS16949:2009, OHSAS18001:2007, and is QML-38535 Class Q and V certified.

### Reason For Change

Consumption of 100mm wafer bank and need to increase capacity and availability to customers.

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

None

### Product Identification *(this section will describe how to identify the changed material)*

First date code expected 1005A.

### Summary of Supporting Information

NOTE: Commercial and Mil-STD-883 Class B versions of this product have already converted to 150mm wafer diameter via PCN04\_0054. Qualification testing was completed previously. For Class S models, additional Group A,B,C,D, and Group E radiation testing will be completed per MIL-38535 Appendix B and 5962-85127 radiation requirements.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan Summary

ADI\_PCN\_09\_0276\_Rev\_-\_AD574PCNAttachment.doc

**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 (8)					
AD574S / 5962-8512701VXA	AD574S / 5962-8512701VZA	AD574S / 5962-8512702VXA	AD574S / 5962-8512702VZA	AD574S / 5962R8512701VXA	AD574S / 5962R8512701VZA
AD574S / 5962R8512702VXA	AD574S / 5962R8512702VZA				

Appendix B - Revision History		
Rev	Publish Date	Rev Description
Rev. -	12-Feb-2010	Initial Release