



## Product/Process Change Notice - PCN 11\_0087 Rev. A

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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.

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

**PCN Title:** Re-design and Wafer Fabrication transfer of the ADG438F/ADG439F

**Publication Date:** 12-Jul-2011

**Effectivity Date:** 12-Jul-2011 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Updated with datecode changeover

### Description Of Change

All Layer Re-design and transfer of the ADG438F/ADG439F from the 4" High Voltage Switch Dielectrically Isolated SOI wafer fabrication process in Analog Devices, Limerick, Ireland to the equivalent 8" wafer fab process at the same location.

Data sheet specifications will change as per the attached evaluation report.

### Reason For Change

Increased wafer fabrication capacity.

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

This transfer will not affect the form, fit, function, quality or reliability of the ADG438F/ADG439F.

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

This PCN will be updated prior to the effectivity date with the date code of changeover to new materials for all models of the ADG438F and ADG439F. Update: Datecode for changeover of ADG438FBNZ is DC 1122 and onwards. All other models on PCN is DC 1124 and onwards.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison

ADI\_PCN\_11\_0087\_Rev\_A\_ADG438F\_ADG439F\_Transfer\_Comparison.pdf

**Attachment 2: Type:** Qualification Report Summary

ADI\_PCN\_11\_0087\_Rev\_A\_ADG438F\_AD439F\_Qual\_Summary.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 (15)**

ADG438F / ADG438FBN	ADG438F / ADG438FBNZ	ADG438F / ADG438FBR	ADG438F / ADG438FBR-REEL	ADG438F / ADG438FBRZ
ADG438F / ADG438FBRZ-REEL	ADG439F / ADG439FBN	ADG439F / ADG439FBNZ	ADG439F / ADG439FBR	ADG439F / ADG439FBR-REEL
ADG439F / ADG439FBRW	ADG439F / ADG439FBRWZ	ADG439F / ADG439FBRWZ-REEL	ADG439F / ADG439FBRZ	ADG439F / ADG439FBRZ-REEL

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	26-Apr-2011	Initial Release
Rev. A	12-Jul-2011	Updated with datecode changeover

Analog Devices, Inc.

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