



## Product/Process Change Notice - PCN 09\_0037 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 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.

**PCN Title:** ADXL335 and ADXL345 Sensor Release Process Transfer  
**Publication Date:** 19-Mar-2009  
**Samples Available Date:** 17-Aug-2009  
**Effectivity Date:** 02-Nov-2009 *(the earliest date that a customer could expect to receive changed material)*

### Description Of Change

ADI has decided to close the Cambridge MA, USA Fab in 2009 to better align its internal manufacturing capability. This decision affects the beams release process location of the listed products. The sensor release process will be transferred from ADI Cambridge, MA USA to ADI Wilmington MA, USA.

### Reason For Change

ADI wafer fabs share many of the same process tools, equipment, and associated unit process steps. This standardization has facilitated process transfers between different internal ADI wafer fabs in past years, allowing ADI to proactively manage manufacturing assets, technology development, and continuous improvement initiatives. For these reasons, ADI is consolidating front-end manufacturing operations

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

Quality and reliability levels, electrical performance, and package dimensions will not be affected by these changes. All products will have comparable or improved manufacturing process capabilities.

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

Processing location traceable by lot and datecode indicated on the device brand.

### Summary of Supporting Information

Qualification will be performed per Analog Devices' specification ADI0012: Procedure for Qualification of New or Revised Processes or Products. The Qualification Plan is attached below.

The Qualification Plan is provided with this PCN

### Supporting Documents

**Attachment 1:** ADI\_PCN\_09\_0037\_Rev\_-\_Qual Plan.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 (22)**

ADXL335 / ADXL335ACPZ	ADXL335 / ADXL335ACPZ-RL	ADXL335 / ADXL335ACPZ-RL7	ADXL335 / ADXL335BCPZ	ADXL335 / ADXL335BCPZ-RL	ADXL335 / ADXL335BCPZ-RL7
ADXL335 / ADXL335CCPZ	ADXL335 / ADXL335CCPZ-RL	ADXL335 / ADXL335CCPZ-RL7	ADXL345 / AD22345Z	ADXL345 / AD22345Z-RL	ADXL345 / AD22345Z-RL7
ADXL345 / ADXL345BCCZ	ADXL345 / ADXL345BCCZ-RL	ADXL345 / ADXL345BCCZ-RL7	ADXL345 / ADXL345DC	ADXL345 / ADXL345X	ADXL345 / ADXL345X-C
ADXL345 / ADXL345X-C-RL	ADXL345 / ADXL345X-C-RL7	ADXL345 / ADXL345X-RL	ADXL345 / ADXL345X-RL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	19-Mar-2009	

Analog Devices, Inc.

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