



## Product/Process Change Notice - PCN 13\_0021 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 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:** Qualification of Second Source Supplier for Seal Glass on Capped iMEMS Devices

**Publication Date:** 17-Oct-2013

**Effectivity Date:** 15-Jan-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

To add parts affected by the change.  
To remove parts not affected by the change.  
Change scope of PCN from MEMS capped devices to iMEMS capped devices.

### Description Of Change

Adding a second source seal glass vendor, Asahi Glass Co, to the approved supplier's list for use in capping iMEMS devices.

### Reason For Change

The addition of a second source supplier will ensure continued source of supply for capped iMEMS devices. Utilization of additional seal glass supplier allows future shipments of affected material from either manufacturer.

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

The device fit, form, function, and reliability, as specified by Product Data Sheets, will be unaffected by this change.

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

The supplier shall be traceable via our standard control plan.

### Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Report Summary

ADI\_PCN\_13\_0021\_Rev\_A\_Qualification Results 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 (41)**

ADXL320 / ADXL320JCP	ADXL320 / ADXL320JCP-REEL	ADXL320 / ADXL320JCP-REEL7	ADXL321 / ADXL321JCP	ADXL321 / ADXL321JCP-REEL
ADXL321 / ADXL321JCP-REEL7	ADXL322 / ADXL322JCP	ADXL322 / ADXL322JCP-REEL	ADXL322 / ADXL322JCP-REEL7	ADXL323 / ADXL323KCPZ
ADXL323 / ADXL323KCPZ-RL	ADXL323 / ADXL323KCPZ-RL7	ADXRS450 / ADXRS450BEYZ	ADXRS450 / ADXRS450BEYZ-RL	ADXRS450 / ADXRS450BRGZ
ADXRS450 / ADXRS450BRGZ-RL	ADXRS620 / ADXRS620BBGZ	ADXRS620 / ADXRS620BBGZ-RL	ADXRS620 / ADXRS620WBBGZA	ADXRS620 / ADXRS620WBBGZA-RL
ADXRS622 / ADXRS622BBGZ	ADXRS622 / ADXRS622BBGZ-RL	ADXRS622 / ADXRS622WBBGZA	ADXRS622 / ADXRS622WBBGZA-RL	ADXRS623 / ADXRS623BBGZ
ADXRS623 / ADXRS623BBGZ-RL	ADXRS623 / ADXRS623WBBGZ	ADXRS623 / ADXRS623WBBGZ-RL	ADXRS624 / ADXRS624BBGZ	ADXRS624 / ADXRS624BBGZ-RL
ADXRS624 / ADXRS624WBBGZ	ADXRS624 / ADXRS624WBBGZ-RL	ADXRS642 / ADXRS642BBGZ	ADXRS642 / ADXRS642BBGZ-RL	ADXRS646 / ADXRS646BBGZ
ADXRS646 / ADXRS646BBGZ-RL	ADXRS646 / ADXRS646TBGZ-EP	ADXRS646 / ADXRS646TBGZ-EP-RL	ADXRS649 / ADXRS649BBGZ	ADXRS649 / ADXRS649BBGZ-RL
ADXRS810 / ADXRS810WBRGZ-RL				

**Added Parts On This Revision - Product Family / Model Number (15)**

ADXL206 / ADXL206HDZ	ADXRS453 / ADXRS453BEYZ	ADXRS453 / ADXRS453BEYZ-RL	ADXRS453 / ADXRS453BRGZ	ADXRS453 / ADXRS453BRGZ-RL
ADXRS620 / ADXRS620WBBGZ	ADXRS620 / ADXRS620WBBGZ-RL	ADXRS646 / AD22424Z	ADXRS646 / AD22424Z-RL	ADXRS647 / AD22425Z
ADXRS647 / AD22425Z-RL	ADXRS800 / ADXRS800WBEYZ	ADXRS800 / ADXRS800WBEYZ-RL	ADXRS800 / ADXRS800WBRGZ	ADXRS800 / ADXRS800WBRGZ-RL

**Removed Parts On All Revisions - Product Family / Model Number (45)**

ADXL185 / ADXL185WBRDZ-UP	ADXL185 / ADXL185WBRDZ-UP-RL	ADXL189 / ADXL189WBRDZ-UP-RL	ADXL189 / SBXL189WBRDZ-UP-RL	ADXL189B / ADXL189BWBRDZUP-RL
ADXL195 / ADXL195WBRDZ-RL	ADXL195 / ADXL195WBRDZA-RL	ADXL288 / ADW22888	ADXL288 / ADW22888-RL	ADXL288 / ADXL288WBRDZ
ADXL288 / ADXL288WBRDZ-RL	ADXL295 / ADXL295WBRDZ	ADXL295 / ADXL295WBRDZ-RL	ADXL313 / ADXL313WACPZ-RL	ADXL313 / ADXL313WACPZ-RL7
ADXL325 / ADXL325BCPZ	ADXL325 / ADXL325BCPZ-RL	ADXL325 / ADXL325BCPZ-RL7	ADXL335 / ADXL335BCPZ	ADXL335 / ADXL335BCPZ-RL
ADXL335 / ADXL335BCPZ-RL7	ADXL337 / ADXL337BCPZ-RL	ADXL337 / ADXL337BCPZ-RL7	ADXL345 / AD22345Z-RL	ADXL345 / AD22392Z-RL7
ADXL345 / ADXL345BCCZ	ADXL345 / ADXL345BCCZ-RL	ADXL345 / ADXL345BCCZ-RL7	ADXL345 / ADXL345TCCZ-EP	ADXL345 / ADXL345TCCZ-EP-RL
ADXL345 / ADXL345TCCZ-EP-RL7	ADXL346 / AD22346Z-RL	ADXL346 / AD22346Z-RL7	ADXL346 / AD22391Z-RL7	ADXL346 / ADXL346ACCZ-R2
ADXL346 / ADXL346ACCZ-RL	ADXL346 / ADXL346ACCZ-RL7	ADXL365 / AD22365Z-WP	ADXL703 / ADXL703WBRWZ-UP-RL	ADXL712 / ADXL712WBRWZ-UP-RL
ADXRS620 / ADW22307ZA	ADXRS620 / ADW22307ZA-RL	ADXRS652 / ADXRS652BBGZ	ADXRS652 / ADXRS652BBGZ-RL	ADXRS652 / ADXRS652BBGZ-RL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	22-Aug-2013	20-Nov-2013	Initial Release
Rev. A	17-Oct-2013	15-Jan-2014	To add parts affected by the change. To remove parts not affected by the change. Change scope of PCN from MEMS capped devices to iMEMS capped devices.

Analog Devices, Inc.

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