



Product/Process Change Notice - PCN 10_0327 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: ADXL345 Die Revision and Datasheet Change

Publication Date: 23-Nov-2010

Effectivity Date: 21-Feb-2011 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Removed part number SBXL345BCCZ-RL7

Description Of Change

A minor die revision is being implemented in the ADXL345 sensor. As a result, it has been necessary to change the following datasheet parameter:

From
0 g Offset vs. Temperature for z-Axes: Typ ± 0.8 mg/oC

To
0 g Offset vs. Temperature for z-Axes: Typ ± 1.2 mg/oC

Note: At release the parameter was specified at Typ ± 4.0 mg/oC

Reason For Change

The die revision is being implemented to improve product manufacturability.

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

This datasheet specification will have no impact on the form, fit, quality or reliability of the device.

Summary of Supporting Information

Qualification is in process per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

Supporting Documents

Attachment 1: Type: Revised Datasheet Specification

ADI_PCN_10_0327_Rev_A_ADXL345_Rev. B.doc

Attachment 2: Type: Qualification Plan Summary

ADI_PCN_10_0327_Rev_A_XL345_PCN_Qual .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 (5)

ADXL345 / AD22338Z-RL	ADXL345 / AD22338Z-RL7	ADXL345 / ADXL345BCCZ	ADXL345 / ADXL345BCCZ-RL	ADXL345 / ADXL345BCCZ-RL7
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Removed Parts On All Revisions - Product Family / Model Number (1)

ADXL345 / SBXL345BCCZ-RL7

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	15-Nov-2010	Initial Release
Rev. A	23-Nov-2010	Removed part number SBXL345BCCZ-RL7

Analog Devices, Inc.

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