



## Product/Process Change Notice - PCN 10\_0038 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 Data Sheet Specification Change

**Publication Date:** 05-Apr-2010

**Effectivity Date:** 03-Jun-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Updated qualification plan summary.  
Remove Part: AD22345Z-RL

### Description Of Change

Improvements have been made in both the ASIC and sensor through re-design on the ADXL345. Please see details in supporting data attached.

### Reason For Change

The product design was modified to improve performance.

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

These changes will have no impact on the form, fit, quality or reliability of the device.  
This product redesign improves performance.  
Customers will not need to revise their systems due to this change.

### Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qual plan.

### Supporting Documents

**Attachment 1: Type:** Detailed Change Description

ADI\_PCN\_10\_0038\_Rev\_A\_XL345DPCN\_DescripChange2.pdf

**Attachment 2: Type:** Qualification Plan Summary

ADI\_PCN\_10\_0038\_Rev\_A\_XL345DPCN\_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 (13)**

ADXL345 / AD22338Z-RL	ADXL345 / AD22338Z-RL7	ADXL345 / ADXL345BCCZ	ADXL345 / ADXL345BCCZ-RL	ADXL345 / ADXL345BCCZ-RL7	ADXL345 / ADXL345DC
ADXL345 / ADXL345X-D	ADXL345 / ADXL345X-D-RL7	ADXL345 / ADXL345XC2-WP	ADXL345 / EVAL-ADXL345Z	ADXL345 / EVAL-ADXL345Z-DB	ADXL345 / EVAL-ADXL345Z-M
ADXL345 / EVAL-ADXL345Z-S					

**Removed Parts On All Revisions - Product Family / Model Number (1)**

ADXL345 / AD22345Z-RL
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	05-Mar-2010	Initial Release
Rev. A	05-Apr-2010	Updated qualification plan summary. Remove Part: AD22345Z-RL

Analog Devices, Inc.

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