



## Product/Process Change Notice - PCN 18\_0025 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 Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

**PCN Title:** Sensor Die Size Change for MEMs Products ADXL354, ADXL355, ADXL356, ADXL357

**Publication Date:** 09-Feb-2018

**Effectivity Date:** 14-May-2018 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release.

### Description Of Change

MEMs Die size increase:  
- Changed from square to rectangular bond pads  
- Increased Distance from Trench to Saw Street

### Reason For Change

- Reduce risk of trench short  
- Reduce risk of chip out at die singulation

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

Sensor die size increased by 70um to improve quality (chipouts) and reliability (trench shorts).

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

Sensor die part number is designated with "A"

### Summary of Supporting Information

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_18\_0025\_Rev\_-\_ADXL354\_55\_56\_57\_Qualification Results Summary\_v1.pdf

**For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.**

**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****Added Parts On This Revision - Product Family / Model Number (18)**

ADXL354 / ADXL354BEZ	ADXL354 / ADXL354BEZ-RL	ADXL354 / ADXL354BEZ-RL7	ADXL354 / ADXL354CEZ	ADXL354 / ADXL354CEZ-RL
ADXL354 / ADXL354CEZ-RL7	ADXL355 / ADXL355BEZ	ADXL355 / ADXL355BEZ-RL	ADXL355 / ADXL355BEZ-RL7	ADXL356 / ADXL356BEZ
ADXL356 / ADXL356BEZ-RL	ADXL356 / ADXL356BEZ-RL7	ADXL356 / ADXL356CEZ	ADXL356 / ADXL356CEZ-RL	ADXL356 / ADXL356CEZ-RL7
ADXL357 / ADXL357BEZ	ADXL357 / ADXL357BEZ-RL	ADXL357 / ADXL357BEZ-RL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	09-Feb-2018	14-May-2018	Initial Release.

Analog Devices, Inc.

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