



Product/Process Change Notice - PCN 17_0029 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 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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: ADXL354, ADXL355, ADXL356, ADXL357 Assembly Transfer to Cirtek and Wire Change

Publication Date: 13-Jul-2018

Effectivity Date: 02-Oct-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:
Include qualification results.

Description Of Change:

The assembly of ADXL354, ADXL355, ADXL356, ADXL357 is transferring to Cirtek Electronic Corporation. The internal wires will change from Aluminum to Gold. The rest of the Bill of Materials (BOM) and the package outline dimensions will be maintained.

Reason For Change:

The current hermetic package assembly line at Amkor Technology Philippines is closing in June 2018.

Analog Devices Inc. (ADI) assembly subcontractors manufacture products using ADI specified manufacturing flows, materials, process controls and monitors, ensuring the same level of quality and reliability of products. Cirtek is currently one of ADI's qualified assembly subcontractors and is in high-volume production of various ADI products and packages.

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

The transfer will have no impact on the form, fit, function and reliability of the devices.

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

Cut-over date code and/or lot numbers will be provided upon request.

Summary of Supporting Information:

Qualification will be performed according to ADI's Standard Procedure for Qualification of New or Revised Processes or Products. See attached Qualification Plan.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_17_0029_Rev_A_Qualification Results Summary.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**Existing Parts - 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

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	29-Mar-2017	02-Oct-2017	Initial Release
Rev. A	13-Jul-2018	02-Oct-2017	Include qualification results.

Analog Devices, Inc.

DocId:4483 Parent DocId:None Layout Rev:7

**ADXL354, ADXL 355, ADXL356, ADXL357 Assembly Transfer to Cirtek
and Wire Change**

**Qualification Results Summary of the
ADXL35x LCC using Au Wire at Cirtek**

QUALIFICATION PLAN / STATUS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Temperature Cycle (TC)	JEDEC <i>JESD22-A104</i>	3 x 77	Pass
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	1 x 77	Pass
Group D	MIL_STD-883, <i>M5005</i>	3 x 15	Pass
Solderability	JEDEC <i>JESD22-B102</i>	1 x 15	Pass
Mechanical Shock - Powered	IEC 60068-2-27	3 x 10	Pass
Electrostatic Discharge <i>Field Induced Charge Device Model</i>	JEDEC <i>JS-002</i>	3/voltage	Pass 500V



Analog Devices, Inc. PCN Material Report (Proprietary Information)

Existing Material		Material Added		Material Removed	
GENERICNUMBER	MATERIALNUMBER	GENERICNUMBER	MATERIALNUMBER	GENERICNUMBER	MATERIALNUMBER
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				