



Product/Process Change Notice - PCN 22_0013 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887

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: ADRF5547 ESD Sensitivity Specification and Data Sheet Change

Publication Date: 23-Mar-2022

Effectivity Date: 25-Jun-2022 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

The ESD protection circuits at RFout, VDD1 VDD2, BP and PD pins are changed for improved HBM robustness. The ESD-HBM specification of 1000V is kept the same. ESD-CDM specification is changed from 1250V to 500V.

Reason For Change:

Marginality on ESD-HBM robustness has been observed on various process lots after the manufacturing release of the part. The design is improved to have higher margin for ESD-HBM specification but lower ESD-CDM performance.

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

This change will have no impact on the electrical performance, form, fit, or function of the device.

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

Changed material identified by the LOT# in the device branding/markings.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary. New ESD specification is given in rev B revision of the Product Data Sheet. See attached.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_22_0013_Rev_-_ADRF5547-Qualification Results.pdf

Attachment 2: Type: Revised Datasheet Specification

ADI_PCN_22_0013_Rev_-_ADRF5547-RevB.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 (3)				
ADRF5547 / ADRF5547BCPZN	ADRF5547 / ADRF5547BCPZN-R7	ADRF5547 / ADRF5547BCPZN-RL		

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	23-Mar-2022	25-Jun-2022	Initial Release.

Analog Devices, Inc.

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