



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

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

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: ADRF5547 ESD Sensitivity Specification and Data Sheet Change

Publication Date: 23-Sep-2022

Effectivity Date: 23-Sep-2022 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Removed statement on ESD-HBM specification from the Description of Change.

Description Of Change:

The ESD protection circuits at RFout, VDD1 VDD2, BP and PD pins are changed for improved HBM robustness. 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/marketing.

Summary of Supporting Information:

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

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_22_0013_Rev_A_ADRF5547-Qualification Results.pdf

Attachment 2: Type: Revised Datasheet Specification

ADI_PCN_22_0013_Rev_A_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

Existing Parts - 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.
Rev. A	23-Sep-2022	23-Sep-2022	Removed statement on ESD-HBM specification from the Description of Change.

Analog Devices, Inc.

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