



## 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/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 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

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**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (3)**

ADRF5547 / ADRF5547BCPZN

ADRF5547 / ADRF5547BCPZN-R7

ADRF5547 / ADRF5547BCPZN-RL

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
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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