



## Product/Process Change Notice - PCN 24\_0237 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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

**Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.**

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

<b>PCN Title:</b>	External RBIAS Resistor (R2) Revision for ADL8107
<b>Publication Date:</b>	05-Mar-2025
<b>Effectivity Date:</b>	24-Feb-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Added Material Date Code. Data Sheet Comparison Specification added for reference.

### Description Of Change:

External RBIAS resistor (R2) has been changed from 4120 Ohm to 7150 Ohm to maintain 90mA, nominal bias current (IDQ).

### Reason For Change:

To improve uniformity of the nominal bias current, Idq, with the external RBIAS resistor.

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

No changes to form, function, and reliability. Fit has been changed as a result of R2, external RBIAS resistor value.

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

New material will be identified by date code 2503 and later.

### Summary of Supporting Information:

This change will be reflected within the REV C Product Data Sheet and REV B User Guide.

### Supporting Documents:

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

ADI\_PCN\_24\_0237\_Rev\_A\_Metal Mask Change Qualification Results.pdf

**Attachment 2: Type:** Datasheet Specification Comparison

ADI\_PCN\_24\_0237\_Rev\_A\_ADL8107 Data Sheet Comparison.pdf

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

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



**Appendix A - Affected ADI Models:**

**Existing Parts - Product Family / Model Number (2)**

ADL8107 / ADL8107ACPZN

ADL8107 / ADL8107ACPZN-R7

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	22-Nov-2024	24-Feb-2025	Initial Release.
Rev. A	05-Mar-2025	24-Feb-2025	Added Material Date Code. Data Sheet Comparison Specification added for reference.