



## Product/Process Change Notice - PCN 24\_0237 Rev. -

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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.

<b>PCN Title:</b>	External RBIAS Resistor (R2) Revision for ADL8107
<b>Publication Date:</b>	22-Nov-2024
<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>	Initial Release.

### 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.

### 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\\_-Metal Mask Change Qualification Results.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.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Korea:</b>	<b>Rest of Asia:</b>
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (2)

ADL8107 / ADL8107ACPZN

ADL8107 / ADL8107ACPZN-R7

**Appendix B - Revision History:**

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	22-Nov-2024	24-Feb-2025	Initial Release.