



## Product/Process Change Notice - PCN 24\_0202 Rev. -

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.

|                              |   |
|------------------------------|---|
| <b>PCN Title:</b>            | External RBIAS Resistor (R1) Revision for ADL8112   |
| <b>Publication Date:</b>     | 13-Sep-2024   |
| <b>Effectivity Date:</b>     | 16-Dec-2024 <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 (R1) has been changed from 332 Ohm to 750 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 R1, 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 A) Product Data Sheet and user guide.

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison

[ADI\\_PCN\\_24\\_0202\\_Rev\\_-ADL8112\\_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.

|                         |                       |                      |                      |                      |
|-------------------------|-----------------------|----------------------|----------------------|----------------------|
| <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)**

ADL8112 / ADL8112ACCZ

ADL8112 / ADL8112ACCZ-R7

**Appendix B - Revision History:**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b> |
|------------|---------------------|-------------------------|------------------------|
| Rev. -     | 13-Sep-2024         | 16-Dec-2024             | Initial Release.       |