



## Product/Process Change Notice - PCN 21\_0206 Rev. -

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

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.

**PCN Title:** Notification of Die Revision Change to LTC4281 and LTC4282

**Publication Date:** 05-Oct-2021

**Effectivity Date:** 07-Jan-2022 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change:**

Please be advised that Analog Devices has made enhancements in the LTC4281 and LTC4282 products to improve the common mode rejection performance of the current limit amplifiers.

The enhancements improve the immunity of the offset cancellation circuit to noise during the cancellation phase by balancing resistances and capacitances, and moving offset cancellation to the output of the amplifier.

Additional enhancements were made to the OV pin ESD structure to improve latch-up performance.

**Reason For Change:**

The die changes were made to reduce sensitivity to common mode noise affecting some board layouts using these products.

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

This change does not impact the fit, form, function, or reliability of the LTC4281 and LTC4282.

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

The new silicon can be identified with date code and lot traceability identification.

**Summary of Supporting Information:**

Qualification has been performed per industry standard test methods.

**Comments**

Qualification has been performed per industry standard test methods.

**Supporting Documents**

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

ADI\_PCN\_21\_0206\_Rev\_-\_LTC4281 LTC4282 Die Revision\_PCN\_Rel\_Report\_Form.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

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PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (10)**

LTC4281 / LTC4281CUFD#PBF	LTC4281 / LTC4281CUFD#TRPBF	LTC4281 / LTC4281UFD#PBF	LTC4281 / LTC4281UFD#TRMPBF	LTC4281 / LTC4281UFD#TRPBF
LTC4282 / LTC4282CUH#PBF	LTC4282 / LTC4282CUH#TRMPBF	LTC4282 / LTC4282CUH#TRPBF	LTC4282 / LTC4282UH#PBF	LTC4282 / LTC4282UH#TRPBF

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	05-Oct-2021	07-Jan-2022	Initial Release

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