



Product/Process Change Notice - PCN 21_0073 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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: LTC4284 Datasheet Limit Change

Publication Date: 15-Mar-2021

Effectivity Date: 17-Jun-2021 *(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 a minor change to the LTC4284 product datasheet to facilitate improvement in manufacturing capability. The changes are shown on the attached pages of the marked-up datasheets.

Electrical Characteristics table changes (page 5 and 7 of datasheet):

Current Limit Voltage DAC Zero-Scale spec limits for C-Grade changed from 14.7 – 15.3mV to 14.5 – 15.5mV.

Current Limit Voltage DAC Full-Scale spec limits for C-Grade changed from 29.4 – 30.6mV to 29 – 31mV.

Full-Scale Error Single-Ended Inputs spec limit for C-Grade changed from +/-0.5% to +/-0.7%.

Full-Scale Error Differential Inputs spec limit for C-Grade changed from +/-1% to +/-1.2%.

Full-Scale Error Energy spec limit for C-Grade changed from +/-1% to +/-1.5%.

Full-Scale Error Energy spec limit for I-Grade and H-Grade changed from +/-1.2% to +/-1.5%.

Reason For Change:

To facilitate improvement in manufacturing capability.

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

This datasheet change does not impact the fit, form, function, or reliability of the LTC4284.

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

Product shipped after effectivity date will be tested to the new limits.

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

Summary of Supporting Information:

Changes will be reflected on the new product datasheet. See changes on Electrical Characteristics table on pages 5 and 7.

Comments

Changes will be reflected on the new product datasheet. See changes on Electrical Characteristics table on pages 5 and 7.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_21_0073_Rev_-_LTC4284_Marked-up_Datasheet.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

Rest of Asia:
PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (6)

LTC4284 / LTC4284CUHG#PBF	LTC4284 / LTC4284CUHG#TRPBF	LTC4284 / LTC4284HUHG#PBF	LTC4284 / LTC4284HUHG#TRPBF	LTC4284 / LTC4284IUHG#PBF
LTC4284 / LTC4284IUHG#TRPBF				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	15-Mar-2021	17-Jun-2021	Initial Release

Analog Devices, Inc.

DocId:8486 Parent DocId:None Layout Rev:7