



Product/Process Change Notice - PCN 21_0063 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.

PCN Title: LTC2972 Datasheet Limit Change

Publication Date: 24-Mar-2021

Effectivity Date: 26-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 LTC2972 product datasheet to facilitate improvement in manufacturing capability. The changes are shown on the attached pages of the marked-up datasheet.

Electrical Characteristics table changes (page 5 of datasheet):

VDD33 Regulator Output Short-Circuit Current changed to a typical spec of 90mA. (The VDD33 Regulator Output Short-Circuit Current distribution is expected to be within 50mA and 140mA.)

VDD25 Regulator Output Short-Circuit Current changed to a typical spec of 55mA. (The VDD25 Regulator Output Short-Circuit Current distribution is expected to be within 30mA and 80mA.)

Pin Function description changes (page 16 of the datasheet):

VDD33 Pin description changed from "do not connect to VDD33 pins of any other device" to "do not connect any components except pull-up resistors and bypass capacitors."

VDD25 Pin description changed from "do not connect to VDD25 pins of any other device" to "do not connect any components except pull-up resistors and bypass capacitors."

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 LTC2972.

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 revision C. See changes on Electrical Characteristics table on page 5.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_21_0063_Rev_-_LTC2972_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 (4)

LTC2972 / LTC2972CUJF#PBF

LTC2972 / LTC2972CUJF#TRPBF

LTC2972 / LTC2972IUJF#PBF

LTC2972 / LTC2972IUJF#TRPBF

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	24-Mar-2021	26-Jun-2021	Initial Release

Analog Devices, Inc.

DocId:8473 Parent DocId:None Layout Rev:7