



Product/Process Change Notice - PCN 21_0130 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: LTC7821 Die Revision

Publication Date: 30-Jun-2021

Effectivity Date: 02-Oct-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

Analog Devices, Inc. has made a minor change to the LTC7821 die to improve manufacturing yield and optimize device performance. The improvement in manufacturing yield is achieved through a change in the VSTBY circuit to ensure that INTVCC is able to start up. The optimization of device performance is achieved by tuning the sequencer timing's of the FET's power ON sequence

Reason For Change:

To improve manufacturability and optimize device performance.

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

This change does not affect fit, form, function and reliability.

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

The parts that will be assembled with new die will be identified by Date Code.

Summary of Supporting Information:

Qualification will be performed per Industry Standard Test Methods. See attached Qualification Results.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_21_0130_Rev_-_LTC7821_Qual summary table for PCN.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)

LTC7821 / LTC7821EUH#PBF	LTC7821 / LTC7821EUH#TRPBF	LTC7821 / LTC7821IUH#PBF	LTC7821 / LTC7821IUH#TRPBF	
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	30-Jun-2021	02-Oct-2021	Initial Release

Analog Devices, Inc.

DocId:8564 Parent DocId:None Layout Rev:7