



Product/Process Change Notice - PCN 21_0195 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: LT3942 Datasheet Limit Changes

Publication Date: 22-Sep-2021

Effectivity Date: 25-Dec-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

Minor changes to LT3942 datasheet

Page 3: Update "INTVCC Dropout Voltage (VIN – INTVCC)" Vin condition from 3V to 3.3V

Page 4: Update "FB Regulation Voltage" Vc condition from 1.2V to 0.8V

Page 4: Update "VC Standby Leakage Current" Vc condition from 1.2V to 1.0V

Page 4: Update "Switching Frequency" typical and max values from 975kHz to 1000kHz, 1025kHz to 1075kHz, 290kHz to 300kHz, 305kHz to 325kHz

Reason For Change:

The data sheet is being updated to accurately reflect device capabilities.

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

The change described above has no impact on fit, form or reliability of the device.

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

The product shipped after effectivity date will be tested to the new limit.

Summary of Supporting Information:

Changes will be reflected on the new product data sheet revision B. See changes on "Electrical Characteristics" table on page 3,4

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_21_0195_Rev_-_lt3942_Datasheet_PCN.pdf

Attachment 2: Type: Delta Qualification Matrix

ADI_PCN_21_0195_Rev_-_ADI_PCN_21_0195_Rev_A_LT3942_PCN-Delta-Qualification-Matrix-ZVEI-4_1 .xlsx

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:
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Rest of Asia:
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Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (8)

LT3942 / LT3942EUFD#PBF	LT3942 / LT3942EUFD#TRPBF	LT3942 / LT3942HUFD#PBF	LT3942 / LT3942HUFD#TRPBF	LT3942 / LT3942JUFD#PBF
LT3942 / LT3942JUFD#TRPBF	LT3942 / LT3942JUFDM#WPBF	LT3942 / LT3942JUFDM#WTRPBF		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	22-Sep-2021	25-Dec-2021	Initial Release

Analog Devices, Inc.

DocId:8646 Parent DocId:None Layout Rev:8