



Product/Process Change Notice - PCN 25_0033 Rev. -

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

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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.

PCN Title:	LTC3637 Die Revision
Publication Date:	25-Mar-2025
Effectivity Date:	27-Jun-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release

Description Of Change:

The pre-trim value of the bandgap and peak current have been re-centered. Spare resistors have been added in the bandgap and spare devices added in the current comparator respectively.

Reason For Change:

Re-center reference voltage and peak current pre-trim targets for yield enhancement.

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

No impact to form, fit, function, or reliability.

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

The parts that assembled with the new die will be identified by the date code.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Supporting Documents:

Attachment 1: Type: Qualification Results Summary

ADI_PCN_25_0033_Rev_-_RQR11639A.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_25_0033_Rev_-_RQR11692A.pdf

Attachment 3: Type: Delta Qualification Matrix

ADI_PCN_25_0033_Rev_-_PCN-Delta-Qualification-Matrix-ZVEI-5_1_8_LTC3637.xlsm

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:

Europe:

Japan:

Korea:

Rest of Asia:

PCN_Americas@analog.com PCN_Europe@analog.com PCN_Japan@analog.com PCN_Korea@analog.com PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (18)

LTC3637 / LTC3637EDHC#PBF	LTC3637 / LTC3637EDHC#TRPBF	LTC3637 / LTC3637EMSE#PBF	LTC3637 / LTC3637EMSE#TRPBF	LTC3637 / LTC3637HDHC#PBF
LTC3637 / LTC3637HDHC#TRPBF	LTC3637 / LTC3637HMSE#PBF	LTC3637 / LTC3637HMSE#TRPBF	LTC3637 / LTC3637IDHC#PBF	LTC3637 / LTC3637IDHC#TRPBF
LTC3637 / LTC3637IMSE#PBF	LTC3637 / LTC3637IMSE#TRPBF	LTC3637 / LTC3637JMSE#WPBF	LTC3637 / LTC3637JMSE#VTRPBF	LTC3637 / LTC3637MPDHC#PBF
LTC3637 / LTC3637MPDHC#TRPBF	LTC3637 / LTC3637MPMSE#PBF	LTC3637 / LTC3637MPMSE#TRPBF		

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	25-Mar-2025	27-Jun-2025	Initial Release