



Product/Process Change Notice - PCN 21_0201 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: LTM4633/LTM4634 Notification of Qualification of New Mold Compound and Substrate Change

Publication Date: 10-Sep-2021

Effectivity Date: 13-Dec-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release: LTM4633/LTM4634 Substrate change and mold compound change

Description Of Change:

- A new mold compound has been qualified in LTM4633/LTM4634 which is the next generation mold compound going forward. The new mold compound uses fine filler and facilitates the filling of tighter spaces.
- A new Substrate Design revision and substrate material have been qualified for LTM4633/LTM4634. The new substrate will be in use going forward.

Reason For Change:

- Higher density component assembly in a μ Module substrate requires mold filling in tighter spaces between and underneath components. The new mold compound facilitates this task which also improves assembly yield.
- Substrate Design revision to improve the visual outlook of the product.

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

The change is transparent in customer applications since there is no change in the form, fit, function, quality, or reliability of the products. The product datasheet is unchanged.

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

Production shipment of the product incorporating the new material will begin no sooner than the effective date.

Summary of Supporting Information:

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

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_21_0201_Rev_-_ADI_PCN_LTM4633_LTM4634.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 (11)

LTM4633 / LTM4633EY#PBF	LTM4633 / LTM4633IY	LTM4633 / LTM4633IY#2KDPBF	LTM4633 / LTM4633IY#PBF	LTM4633 / LTM4633MPY
LTM4633 / LTM4633MPY#PBF	LTM4634 / LTM4634EY#2KEPBF	LTM4634 / LTM4634EY#PBF	LTM4634 / LTM4634IY	LTM4634 / LTM4634IY#2KEPBF
LTM4634 / LTM4634IY#PBF				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	10-Sep-2021	13-Dec-2021	Initial Release: LTM4633/LTM4634 Substrate change and mold compound change

Analog Devices, Inc.

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