



## Product/Process Change Notice - PCN 21\_0268 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:** LTM8025, LTM8033, LTM8050, LTM8061 and LTM8062: Notification of qualification of Substrate, mold compound and Inductor

**Publication Date:** 13-Dec-2021

**Effectivity Date:** 17-Mar-2022 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release

### Description Of Change:

- New Inductor is qualified and will be used going forward in these products.
- A new Substrate Design revision and substrate material have been qualified for LTM8025, LTM8050, LTM8033, LTM8061, and LTM8062 to incorporate the new inductor. The new substrate will be in use going forward.
- A new mold compound has been qualified in LTM8025, LTM8050, LTM8033, LTM8061, and LTM8062 which is the next generation mold compound going forward. The new mold compound uses fine filler and facilitates the filling of tighter spaces.

### Reason For Change:

- Inductor change is due to End of Life.
- Substrate Design revision to accommodate new inductor footprint.
- Higher density component assembly in a  $\mu$ Module substrate requires mold filling in tighter spaces between and underneath components. The new mold compound facilitates this task which also improves assembly yield.

### 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\_0268\_Rev\_-\_LTM8033\_G311E\_PCN\_Rel\_Data.pdf

**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_21\_0268\_Rev\_-\_LTM8025\_LTM8050\_PCN\_reldata\_06Dec2021.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 (36)**

LTM8025 / LTM8025EV#2FZPBF	LTM8025 / LTM8025EV#PBF	LTM8025 / LTM8025EY#PBF	LTM8025 / LTM8025IV#2FZPBF	LTM8025 / LTM8025IV#PBF
LTM8025 / LTM8025IY	LTM8025 / LTM8025IY#PBF	LTM8025 / LTM8025MPV#PBF	LTM8025 / LTM8025MPY	LTM8025 / LTM8025MPY#PBF
LTM8033 / LTM8033EV#PBF	LTM8033 / LTM8033EY#PBF	LTM8033 / LTM8033IV#PBF	LTM8033 / LTM8033IY	LTM8033 / LTM8033IY#PBF
LTM8033 / LTM8033MPV#PBF	LTM8033 / LTM8033MPY	LTM8033 / LTM8033MPY#PBF	LTM8050 / LTM8050EY#PBF	LTM8050 / LTM8050IY
LTM8050 / LTM8050IY#PBF	LTM8050 / LTM8050MPY	LTM8050 / LTM8050MPY#PBF	LTM8061 / LTM8061EV-4.1#PBF	LTM8061 / LTM8061EV-4.2#PBF
LTM8061 / LTM8061EV-8.2#PBF	LTM8061 / LTM8061EV-8.4#PBF	LTM8061 / LTM8061IV-4.1#2FZPBF	LTM8061 / LTM8061IV-4.1#PBF	LTM8061 / LTM8061IV-4.2#PBF
LTM8061 / LTM8061IV-8.2#PBF	LTM8061 / LTM8061IV-8.4#PBF	LTM8062 / LTM8062AEV#PBF	LTM8062 / LTM8062AIV#PBF	LTM8062 / LTM8062EV#PBF
LTM8062 / LTM8062IV#PBF				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	13-Dec-2021	17-Mar-2022	Initial Release

Analog Devices, Inc.

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