

# Product/Process Change Notice - PCN 20\_0322 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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: LTM4624/LTM4625 Notification of Qualification of New Mold Compound and Substrate

Change

Publication Date: 03-Nov-2020

Effectivity Date: 05-Feb-2021 (the earliest date that a customer could expect to receive changed material)

**Revision Description:** 

Initial Release

#### **Description Of Change:**

- A new mold compound has been qualified in LTM4624/LTM4625 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 has been qualified for LTM4624/LTM4625. A new substrate will be in use going forward.

### Reason For Change:

- Higher density component assembly in a µModule 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 summary.

#### **Supporting Documents**

Attachment 1: Type: Qualification Results Summary

ADI\_PCN\_20\_0322\_Rev\_- ADI\_PCN\_LTM4624\_LTM4625.pdf

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

Americas: Europe: Japan: Rest of Asia:

PCN\_Americas@analog.com PCN\_Europe@analog.com PCN\_Japan@analog.com PCN\_ROA@analog.com

Appendix A - Affected ADI Models					
Added Parts On This Revision - Product Family / Model Number (8)					
LTM4624 / LTM4624EY#2MHPBF	LTM4624 / LTM4624EY#PBF	LTM4624 / LTM4624IY	LTM4624 / LTM4624IY#PBF	LTM4625 / LTM4625EY#PBF	
LTM4625 / LTM4625IY	LTM4625 / LTM4625IY#3ZZ	LTM4625 / LTM4625   Y#PBF			

Appendix B - Revision History				
Rev	Publish Date	Effectivity Date	Rev Description	
Rev	03-Nov-2020	05-Feb-2021	Initial Release	

Analog Devices, Inc.

Docld:8330 Parent Docld:None Layout Rev:7