



## Product/Process Change Notice - PCN 19\_0219 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:** LTM4632 Notification of Qualification of New Mold Compound and Substrate Change

**Publication Date:** 20-Nov-2019

**Effectivity Date:** 22-Feb-2020 *(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 LTM4632 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 LTM4632. New substrate will be in use going forward.

**Reason For Change:**

- 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.
- Substrate Design revision to improve 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 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 effective date.

**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\_19\_0219\_Rev\_-\_ADI\_PCN\_LTM4632.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 (7)**

LTM4632 / LTM4632EV#3LZPBF	LTM4632 / LTM4632EV#PBF	LTM4632 / LTM4632EY#2NEPBF	LTM4632 / LTM4632EY#PBF	LTM4632 / LTM4632IV#PBF
LTM4632 / LTM4632Y	LTM4632 / LTM4632Y#PBF			

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Nov-2019	22-Feb-2020	Initial Release

Analog Devices, Inc.

DocId:6844 Parent DocId:None Layout Rev:7