



## Product/Process Change Notice - PCN 21\_0062 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:** LTM4643 Notification of Qualification of New Mold Compound

**Publication Date:** 10-Mar-2021

**Effectivity Date:** 12-Jun-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 LTM4643, 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:**

Higher density component assembly in  $\mu$ Module substrates requires mold filling in tighter spaces between and underneath components. The new mold compound facilitates the 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 form, fit, function, quality, or reliability of the product. The product datasheet is unchanged.

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

Product 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\_21\_0062\_Rev\_-\_ADI\_PCN\_LTM4643\_G311E.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:**  
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**Rest of Asia:**  
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**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (8)**

LTM4643 / LTM4643EV#PBF	LTM4643 / LTM4643EY#PBF	LTM4643 / LTM4643IV#PBF	LTM4643 / LTM4643IY	LTM4643 / LTM4643IY#PBF
LTM4643 / LTM4643MPV#PBF	LTM4643 / LTM4643MPY	LTM4643 / LTM4643MPY#PBF		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	10-Mar-2021	12-Jun-2021	Initial Release

Analog Devices, Inc.

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