



Product/Process Change Notice - PCN 20_0155 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: LTC7103 Die Revision

Publication Date: 18-Mar-2020

Effectivity Date: 20-Jun-2020 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

Analog Devices Corporation has made a minor change to the LTC7103 die to enhance device performance and improve manufacturing yield. The performance enhancement improves internal current sensing in applications operating at junction temperatures above 130°C. The improvement in manufacturing yield is achieved through better layout of matched resistors and other minor changes.

Reason For Change:

To improve manufacturability and high temperature performance.

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

This change does not affect fit, form, function and reliability.

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

The parts that will be assembled with new die will be identified by Date Code.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached test results.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_20_0155_Rev_-_LTC7103 Running Change Temperature test Data Lot Z50407.1 (003).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 (14)**

LTC7103 / LTC7103EUHE#PBF	LTC7103 / LTC7103EUHE#TRPBF	LTC7103 / LTC7103EUHE#WPBF	LTC7103 / LTC7103EUHE#WTRPBF	LTC7103 / LTC7103HUHE#PBF
LTC7103 / LTC7103HUHE#TRPBF	LTC7103 / LTC7103HUHE#WPBF	LTC7103 / LTC7103HUHE#WTRPBF	LTC7103 / LTC7103IUHE#PBF	LTC7103 / LTC7103IUHE#TRPBF
LTC7103 / LTC7103IUHE#WPBF	LTC7103 / LTC7103IUHE#WTRPBF	LTC7103 / LTC7103MPUHE#PBF	LTC7103 / LTC7103MPUHE#TRPBF	

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	18-Mar-2020	20-Jun-2020	Initial Release

Analog Devices, Inc.

DocId:8114 Parent DocId:None Layout Rev:7