



Product/Process Change Notice - PCN 19_0133 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: LTC6954 Datasheet Change

Publication Date: 10-Jun-2019

Effectivity Date: 12-Sep-2019 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Electrical table changes:

-tPD(LVPECL), Propagation Delay From IN to Any LVPECL Output, Mx[5:0]=1 min limit will be changed from 290ps to 250ps.

-tPD(LVPECL), Propagation Delay From IN to Any LVPECL Output, Mx[5:0]>1 min limit will be changed from 360ps to 320ps.

-tPD(LVDS), Propagation Delay From IN to Any LVDS Output, Mx[5:0]=1 min limit will be changed from 350ps to 305ps.

-tPD(LVDS), Propagation Delay From IN to Any LVDS Output, Mx[5:0]>1 min limit will be changed from 415ps to 370ps.

Reason For Change:

To accurately reflect device capabilities.

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

There is no change on fit, form, function & reliability.

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

The product shipped after effectivity date will be tested to the new limits.

Summary of Supporting Information:

Changes will be reflected on the new product data sheet rev. G on page# 4.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_19_0133_Rev_-_LTC6954 Datasheet Change_Page-4 (Red ink).pdf

Attachment 2: Type: Delta Qualification Matrix

ADI_PCN_19_0133_Rev_-_LTC6954 - Delta-Qualification-Matrix-ZVEI-3_1.xlsm

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 (8)

LTC6954 / LTC6954IUFF-1#PBF	LTC6954 / LTC6954IUFF-1#TRPBF	LTC6954 / LTC6954IUFF-2#PBF	LTC6954 / LTC6954IUFF-2#TRPBF	LTC6954 / LTC6954IUFF-3#PBF
LTC6954 / LTC6954IUFF-3#TRPBF	LTC6954 / LTC6954IUFF-4#PBF	LTC6954 / LTC6954IUFF-4#TRPBF		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	10-Jun-2019	12-Sep-2019	Initial Release.

Analog Devices, Inc.

DocId:6751 Parent DocId:None Layout Rev:7