



Product/Process Change Notice - PCN 19_0142 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: LTM2884 Notification of Change, New Transformer

Publication Date: 12-Aug-2019

Effectivity Date: 14-Nov-2019 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

The internal power transformer was re-designed for production at two alternate suppliers. This also necessitated updating to a newer LTC flyback power die that uses fewer discrete components. Internal substrate changes were made to accept the transformer and component changes. The USB die and protection components are unchanged.

The change has been fully characterized over the full operating temperature range. A full qualification has been completed. Re-certification to UL1577 is in process.

Reason For Change:

Analog Devices Corporation has made a change to the LTM2884 uModule due to a supplier issue.

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

One parametric specification must be relaxed, Regulated VCC2 Output Voltage, Loaded increases from 4.75V – 5.25V to 4.5V – 5.5V. This new 10% range still satisfies the USB specification. Lastly, ICC quiescent current improves and tightens from a typical 50mA down to 9mA, and max reduces from 100mA to 35mA. No other functional or parametric specifications are affected.

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

The product built using the new transformer and die will be available with a datecode of approximately 1948.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Revised Datasheet Specification

ADI_PCN_19_0142_Rev_-_LTM2884_datasheet_markup.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_19_0142_Rev_-_LTCM2884_New_Substrate_Transformer_Die_RelReport.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:
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Appendix A - Affected ADI Models				
Added Parts On This Revision - Product Family / Model Number (6)				
LTM2884 / DC1789A	LTM2884 / LB068A-A	LTM2884 / LTM2884CY#PBF	LTM2884 / LTM2884HY#PBF	LTM2884 / LTM2884IY#PBF
LTM2884 / LTP2884				

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	12-Aug-2019	14-Nov-2019	Initial Release

Analog Devices, Inc.

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