



Product/Process Change Notice - PCN 19_0117 Rev. -

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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: Alternate Source Inductor for LTM8054

Publication Date: 15-Jul-2019

Effectivity Date: 17-Oct-2019 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Analog Devices, Inc. has qualified an alternate inductor for use in the assembly of the LTM8054 μ Module regulator.

Reason For Change:

Inductor obsoleted by vendor and no longer available.

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)*

The approximate date code of the first units assembled will be available from PCN date

Summary of Supporting Information:

The replacement inductor has been qualified through characterization over the full operating junction temperature range and through rigorous engineering bench evaluations. Electrical and thermal performance of devices using the alternate source inductor is unchanged. In addition, standard qualification tests were successfully completed, including power cycling, Thermal shock, temperature cycling and high temperature operating life. The summary of qualification results is attached.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_19_0117_Rev_-_LTM8054 rel data.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 (5)

LTM8054 / LTM8054EY#PBF

LTM8054 / LTM8054Y

LTM8054 / LTM8054Y#PBF

LTM8054 / LTM8054MPY

LTM8054 / LTM8054MPY#PBF

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|------------------------|
| Rev. - | 15-Jul-2019 | 17-Oct-2019 | Initial Release. |
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Analog Devices, Inc.

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