



Product/Process Change Notice - PCN 10_0141 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

PCN Title: ADL5375-05 and ADL5375-15 Mask Change and Datasheet Change

Publication Date: 18-Jun-2010

Effectivity Date: 16-Sep-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Minor circuit modifications to the output stage, consisting of two added resistors and rerouting of metal 3, resulting in a datasheet change.

Reason For Change

To remove the chance of oscillation under adverse loading conditions.

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

Reduction in High Frequency gain. Typical gain at 2.5GHz and 5GHz reduced by 1dB and 3dB respectively.

Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

For characterization results see attached graph. Full characterization is still in process. Upon completion the results will be published in Revision B of the product Datasheet (see www.analog.com).

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_10_0141_Rev_-_ADL5375-05_ssb.pdf

Attachment 2: Type: Qualification Plan Summary

ADI_PCN_10_0141_Rev_-_ADL5375-05_QUALIFICATION_PLAN.doc

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

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 (6)

ADL5375 / ADL5375-05-EVALZ	ADL5375 / ADL5375-05ACPZ-R7	ADL5375 / ADL5375-05ACPZ-VP	ADL5375 / ADL5375-15-EVALZ	ADL5375 / ADL5375-15ACPZ-R7	ADL5375 / ADL5375-15ACPZ-VP
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Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	18-Jun-2010	Initial Release

Analog Devices, Inc.

DocId:1138 Parent DocId:None Layout Rev.3