



Product/Process Change Notice - PCN 21_0037 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: ADuM3190 Die Revision

Publication Date: 16-Feb-2021

Effectivity Date: 21-May-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Change in Bond Pad Size for Top Transformer Coil.

Reason For Change:

To align with current best practices for ADI's Isolator products.

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

Improved Surge Performance.

Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_21_0037_Rev_-_ADuM3190_R3_Qualification_Results_Summary.pdf

Attachment 2: Type: Delta Qualification Matrix

ADI_PCN_21_0037_Rev_-_DELTA_QUALIFICATION_MATRIX_PCN_21_0037.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 (16)**

ADUM3190 / AD71165TRQZ	ADUM3190 / AD71165TRQZ-RL7	ADUM3190 / ADUM3190ARQZ	ADUM3190 / ADUM3190ARQZ-RL7	ADUM3190 / ADUM3190BRQZ
ADUM3190 / ADUM3190BRQZ-RL7	ADUM3190 / ADUM3190SRQZ	ADUM3190 / ADUM3190SRQZ-RL7	ADUM3190 / ADUM3190TRQZ	ADUM3190 / ADUM3190TRQZ-RL7
ADUM3190 / ADUM3190WSRQZ	ADUM3190 / ADUM3190WSRQZ-RL7	ADUM3190 / ADUM3190WTRQZ	ADUM3190 / ADUM3190WTRQZ-RL7	ADUM3190 / ADW80038SRQZ
ADUM3190 / ADW80038SRQZ-RL7				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	16-Feb-2021	21-May-2021	Initial Release.

Analog Devices, Inc.

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