



## 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**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	16-Feb-2021	21-May-2021	Initial Release.

Analog Devices, Inc.

DocId:8444 Parent DocId:None Layout Rev:7