



## Product/Process Change Notice - PCN 20\_0317 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:** ADUM3190S 50Krad Space Grade Model Radiation Condition Changes

**Publication Date:** 19-Oct-2020

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

**Revision Description:**

Initial Release

**Description Of Change:**

Add radiation note and MIL-PRF-38535 QMLV Exceptions of ADUM3190L703F 50Krad model at datasheet ASD0016561.

**Radiation Note:**

MOS device was irradiated directly to the 50k TID level followed by 168-hour accelerated anneal.

**MIL-PRF-38535 QMLV Exceptions:**

At HDR irradiation, devices were not irradiated to the 0.5x overtest. Devices were irradiated to the target TID of 50Krad and then placed on 168-hour accelerated anneal.

**Reason For Change:**

Increased manufacturability to reflect current product performance.

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

No change to fit, form, or reliability

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

Datecode 2034 and higher.

**Summary of Supporting Information:**

N/A

**Comments**

N/A

**Supporting Documents**      None

**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:**

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**Rest of Asia:**

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Appendix A - Affected ADI Models				
Added Parts On This Revision - Product Family / Model Number (1)				
ADUM3190S / ADUM3190L703F				

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	19-Oct-2020	21-Jan-2021	Initial Release

Analog Devices, Inc.

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