



Product/Process Change Notice - PCN 20_0198 Rev. A

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

******* ATTENTION: THIS PCN IS BEING CANCELLED! *******

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: AD768S Aerospace Grade Datasheet Change of Radiation Performance.

Publication Date: 30-Jul-2020

Effectivity Date: Effective upon publication.

Revision Description:

This PCN will be canceled; it has been determined that a new device type will be required.

Description Of Change:

Change radiation feature of AD768S QMLR model at Standard Microcircuit Drawing SMD 5962-08201.

From:

Maximum total dose available (dose rate = 50 – 300 rads(Si)/s)= 100 krad(Si)

To:

Maximum total dose available (effective dose rate = 1.15 rad (Si)/s) = 100 krad(Si)

The effective dose rate after extended room temperature anneal = 1.15 rad (Si)/s per MIL-STD-883, method 1019, condition A, section 3.11.2.

The total dose specification for this device only applies to the specified effective dose rate, or lower, environment.

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 1934 and higher.

Summary of Supporting Information:

N/A no physical change to device.

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:
PCN_Japan@analog.com

Rest of Asia:
PCN_ROA@analog.com

Appendix A - Affected ADI Models

Existing Parts - Product Family / Model Number (2)

AD768S / 5962R0820101VZA

AD768S / AD768AF-EMX

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	08-May-2020	22-May-2020	Initial Release
Rev. A	30-Jul-2020	30-Jul-2020	This PCN will be canceled; it has been determined that a new device type will be required.

Analog Devices, Inc.

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