



## Product/Process Change Notice - PCN 19\_0199 Rev. -

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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:** AD8210S Thermal Power Dissipation and Input Impedance Differential Mode Specification Correction for Aerospace Models

**Publication Date:** 04-Sep-2019

**Effectivity Date:** 04-Sep-2019 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change:**

Correct errors on AD8210S military data sheet SMD 5962-12233 for thermal power dissipation and input impedance differential mode specification.

From:

Power dissipation (PD)= 80 mW

Input impedance differential= 2 Kohms

To:

Power dissipation (PD)= 333 mW

Input impedance differential= 4 Kohms

**Reason For Change:**

Thermal power dissipation is derived from Temperature (junction)= Temperature(ambient)+(Theta Junction to Ambient X Power Dissipation) and AD8210S product is calculated as 333 mW.

Correct Input impedance differential since input structure of AD8210S is 2 Kohms each input totaling in 4 Kohms differential input impedance.

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

The change described above has no impact on fit, form or reliability of the device.

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

N/A, there is no physical change to the die.

**Summary of Supporting Information:**

N/A, no qual required.

**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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**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (3)**

AD8210S / 5962L1223302VXA

AD8210S / 5962R1223301VXA

AD8210S / AD8210AF-EMX

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b> |
|------------|---------------------|-------------------------|------------------------|
| Rev. -     | 04-Sep-2019         | 04-Sep-2019             | Initial Release        |

Analog Devices, Inc.

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