



## Product/Process Change Notice - PCN 20\_0267 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:** ADG5204 Datasheet Specification Change

**Publication Date:** 08-Sep-2020

**Effectivity Date:** 11-Dec-2020 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change:**

Changes to the datasheet specification regarding OFF and ON Leakage. The ADG5204 product datasheet is affected. Please see attachment for full change details.

**Reason For Change:**

To accurately reflect the capability of the device.

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

There will be no impact on form, fit, function, quality or reliability of the product. Leakage Specs will change as outlined.

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

Changed material is identified by Datecode 2029 and newer. These specification changes will be outlined in Rev A of the ADG5204 datasheet.

**Summary of Supporting Information:**

See attachment - Datasheet Specification Comparison

**Supporting Documents**

**Attachment 1: Type:** Datasheet Specification Comparison

ADI\_PCN\_20\_0267\_Rev\_-\_ADG5204 PCN Specification Change Document.pdf

**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 (3)**

ADG5204 / ADG5204BCPZ-RL7

ADG5204 / ADG5204BRUZ

ADG5204 / ADG5204BRUZ-RL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-Sep-2020	11-Dec-2020	Initial Release

Analog Devices, Inc.

DocId:8258 Parent DocId:None Layout Rev:7

## ADG5204 Data Sheet changes

This document highlights the performance changes in the data sheet of the ADG5204 Analog Multiplexers.

The table below shows a datasheet specification comparison of the current datasheet specification to the updated version. The changed specifications are highlighted in red font.

### ADG5204 SPECIFICATION CHANGES FROM Rev. 0 to Rev. A

Parameter	Rev. 0			Rev. A			Unit
	+25°C	-40°C to +85°C	-40°C to +125°C	+25°C	-40°C to +85°C	-40°C to +125°C	
LEAKAGE CURRENTS							
Source Off Leakage, $I_S$ (Off)	0.01			0.01			nA typ
	0.1	0.2	0.4	0.1	0.2	0.4	nA max
Drain Off Leakage, $I_D$ (Off)	0.01			0.01			nA typ
	0.1	0.4	1.2	0.1	0.4	2.4	nA max
Channel On Leakage, $I_D, I_S$ (On)	0.02			0.02			nA typ
	0.2	0.5	1.2	0.2	0.5	2.8	nA max