



## Product/Process Change Notice - PCN 20\_0212 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:** ADCMXL1021 / ADCMXL3021 Product Enhancement

**Publication Date:** 30-Nov-2020

**Effectivity Date:** 30-Nov-2020 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Detail Added Functionality to ADCMXL3021 and ADCMXL1021 via Firmware Update.

### Description Of Change:

ADCMXL3021 Firmware changing from Revision 2.6 to Revision 3.0 (Address 0x52)

ADCMXL1021 Firmware changing from Revision 3.1 to Revision 4.0 (Address 0x52)

A new user configurable register is being added. The internal Firmware and datasheet will be updated to reflect the changes.

The RT\_CTRL Register located at Address 0x1D - 0x1C is added to allow the user to configure the sensor sample rate and decimation settings during use. The ship defaults for these registers settings configure the ADCMXLx021 in the new revision to identical performance of the previous revision. This additional register just allows the customer additional configuration options.

### Reason For Change:

Customer request to add this additional functionality added for greater device flexibility.

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

Additional Functionality added for customer configuration. Current revision parts will function identically as shipped to new firmware

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

Material with Date Codes greater than 2044

### Summary of Supporting Information:

Minor Firmware change to add functionality. New Firmware verified in characterization. Qualification not 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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**Rest of Asia:**  
PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (2)**

ADCMXL1021-1 / ADCMXL1021-1BMLZ

ADCMXL3021 / ADCMXL3021BMLZ

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	30-Nov-2020	06-Nov-2020	Detail Added Functionality to ADCMXL3021 and ADCMXL1021 via Firmware Update.

Analog Devices, Inc.

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