



Product/Process Change Notice - PCN 18_0190 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: ADUCM310/320/320i/322: Metal Edit

Publication Date: 11-Dec-2018

Effectivity Date: 15-Mar-2019 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

The silicon edit involved cutting a single track to disconnect a grounded input to a Test Mux to help power-on Reset conditions.

In some cases this would have prevented the digital LDO from getting a valid bandgap voltage and hence not powering up correctly.

With the silicon edit, the case described above can no longer occur.

Reason For Change:

The edit is required to guarantee a safe VDD ramp rate under all conditions of temperatures and ramp rates.

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

No impact on fit, form, function and reliability

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

Date code changeover to be notified in a future revision of this PCN

Summary of Supporting Information:

Characterization validation has been performed per ADI's standard product correlation procedure. See attached Report.

Supporting Documents

Attachment 1: Type: Test Correlation Report

ADI_PCN_18_0190_Rev_-_ADuCM3xx.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:

PCN_Japan@analog.com

Rest of Asia:

PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (13)

ADUCM310 / AD90005Z-0	ADUCM310 / AD90005Z-0RL	ADUCM310 / ADUCM310BBCZ	ADUCM310 / ADUCM310BBCZ-RL	ADUCM320 / ADUCM320BBCZ
ADUCM320 / ADUCM320BBCZ-RL	ADUCM320 / ADUCM320BBCZI	ADUCM320 / ADUCM320BBCZI-RL	ADUCM320 / ADUCM320LUM-DIE	ADUCM322 / ADUCM322BBCZ
ADUCM322 / ADUCM322BBCZ-RL	ADUCM322 / ADUCM322BBCZI	ADUCM322 / ADUCM322BBCZI-RL		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	11-Dec-2018	15-Mar-2019	Initial Release

Analog Devices, Inc.

DocId:4568 Parent DocId:None Layout Rev:7