



Product/Process Change Notice - PCN 20_0211 Rev. A

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.

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

PCN Title: ADF4371/ADF4372 Die Revision and Substrate Change

Publication Date: 03-Feb-2021

Effectivity Date: 03-Feb-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:
Add Changeover Date Codes

Description Of Change:

Silicon revision: The frequency range is being optimized within current datasheet limits.
Reason: To improve product manufacturability

Assembly Change: The laminate supplier is changing.

Reason For Change:

The Silicon update is being implemented to improve product manufacturability.

The Laminate supplier change is being implemented to improve security of supply.

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

There is no change to form, fit, function or Reliability.

There is a small improvement in locktime and a small increase in max VCO current at 5V.

There is also a change in ESD rating.

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

Device_Revision readback: The readback code from register 0x0006 is changing from 0x09 (for current revision) to 0x0A for the new revision.

Changeover datecodes are notified below.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Comments

Final date code of pre change ADF4371 material is 2046.

Final date code of pre change ADF4372 material is 2043.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_20_0211_Rev_A_ADI_PCN_20_0211_Rev_-_ADF4371_PCN_VF.pdf

Attachment 2: Type: Other

ADI_PCN_20_0211_Rev_A_ADF4371_Rev_A_prelim.pdf

Attachment 3: Type: Other

ADI_PCN_20_0211_Rev_A_ADF4372_Rev_A_prelim.pdf

Attachment 4: Type: Qualification Results Summary

ADI_PCN_20_0211_Rev_A_PCN Qual Summary ADF4371A R10.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

Existing Parts - Product Family / Model Number (4)

ADF4371 / ADF4371BCCZ	ADF4371 / ADF4371BCCZ-RL7	ADF4372 / ADF4372BCCZ	ADF4372 / ADF4372BCCZ-RL7	
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	13-Jul-2020	15-Oct-2020	Initial Release
Rev. A	03-Feb-2021	03-Feb-2021	Add Changeover Date Codes

Analog Devices, Inc.

DocId:8419 Parent DocId:None Layout Rev:7