



Product/Process Change Notice - PCN 13_0042 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

PCN Title: AD9912A die revision
Publication Date: 05-Aug-2013
Effectivity Date: 03-Nov-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Connect device in the system clock output stage to pull the complementary output HIGH during power-down.

Update Die ID revision Code.

Reason For Change

Reduce power consumption in 'full power down' mode.

Updated Die ID indicates new revision.

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

Slightly lower (typical) power consumption in full power down. There will not be a change in the data sheet specification as the change was minimal.

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

New Material will be Datecode 1324, Die ID Revision Code @ Register 0x0002 updated to 0x82.

Summary of Supporting Information

See attached qual report summary.

Supporting Documents

Attachment 1: Type: Qualification Report Summary

ADI_PCN_13_0042_Rev_-_PCN13_0042 Rel SummaryAD9912.pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

| | | |
|--|--------------------------------------|---|
| 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 (3)

AD9912 / AD9912A/PCBZ

AD9912 / AD9912ABCPZ

AD9912 / AD9912ABCPZ-REEL7

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|------------------------|
| Rev. - | 05-Aug-2013 | 03-Nov-2013 | Initial Release |
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Analog Devices, Inc.

DocId:2292 Parent DocId:1294 Layout Rev:7