



Product/Process Change Notice - PCN 15_0018 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: ADF5355 and ADF4355-2 Datasheet Update
Publication Date: 26-Jan-2015
Effectivity Date: 26-Jan-2015 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

The ADF5355 and ADF4355-2 datasheets are being updated to:

Change the user programmable reserved register values of register 5 from a hexadecimal word of 0x00800005 to 0x00800025 to and register 8 from a hexadecimal word of 0x102D4028 to 0x102D0428.

Change the Frequency update write sequence from Register 10, Register 2, Register 1, Register 0 to the following new Frequency update write sequence:

Register 4(counter reset enabled), Register 2, Register 1, Register 0(Autcal disabled), Register 4(counter reset disabled), wait > 16 ADC_CLK cycles, Register 0.

Reason For Change

Correcting intermittent lock up following a frequency update write sequence.

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

The change to the user programmable reserved register values and the new Frequency update sequence has a positive impact on function and reliability.

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

The above changes will be incorporated into ADF4355-2 Rev A datasheet and ADF5355 Rev. A datasheet.

Summary of Supporting Information

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: 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 (4)

ADF4355-2 / ADF4355-2BCPZ

ADF4355-2 / ADF4355-2BCPZ-RL7

ADF5355 / ADF5355BCPZ

ADF5355 / ADF5355BCPZ-RL7

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	26-Jan-2015	26-Jan-2015	Initial Release

Analog Devices, Inc.

DocId:3183 Parent DocId:None Layout Rev:7