



## Product/Process Change Notice - PCN 15\_0018 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:** 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**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b> |
|------------|---------------------|-------------------------|------------------------|
| Rev. -     | 26-Jan-2015         | 26-Jan-2015             | Initial Release        |
|            |                     |                         |                        |

Analog Devices, Inc.

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