



## Product/Process Change Notice - PCN 17\_0141 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:** AD5592R-1 Logic Voltage Supply Extension and Associated Timing Update

**Publication Date:** 02-Aug-2017

**Effectivity Date:** 02-Aug-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

The AD5592R-1 Vlogic supply range will be extended down to a minimum of 1.62V. At the new minimum Vlogic spec there are two updates to the timing specifications in table 4 of the datasheet.

1. t1, minimum SCLK cycle time, read operation, will increase from 50ns to 65ns.
2. t10, minimum SCLK rising edge to SDO valid time, will increase from 40ns to 56ns.

### Reason For Change

To provide 10% tolerance for a 1.8V logic supply, the AD5592R-1 timing needed to be characterized when Vlogic supply is reduced to 1.62V.

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

No impact to fit, form, function or reliability.

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

There has been no changes to the silicon or how the part is tested. Datasheet correction only.

### Summary of Supporting Information

The above changes will be documented in Rev D of the AD5592R data sheet.

**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 (2)**

AD5592R / AD5592RBCBZ-1-RL7

AD5592R / AD5592RBCPZ-1-RL7

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b> |
|------------|---------------------|-------------------------|------------------------|
| Rev. -     | 02-Aug-2017         | 02-Aug-2017             | Initial Release        |

Analog Devices, Inc.

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