



# Product/Process Change Notice - PCN 17\_0023 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:** AD9694 Data Sheet Specification Change  
**Publication Date:** 13-Dec-2017  
**Effectivity Date:** 13-Dec-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

AD9694 Product Data Sheet is being updated from Rev 0 to Rev A.  
  
Summary of changes to the data sheet specifications are as follows:  
1)Table 6' minimum Unit Interval (UI) changed from 62.5 to 66.67 ps.  
2)Table 6' minimum Data Rate per Channel changed from 1.5625 to 1.6875 Gbps.  
3)Input Clock Detect section on page 27' Removed bit 2 in register 0x011A. Disabling clock detect is no longer supported.  
4)Edited Clock Duty Cycle Considerations section on page 27' Enabling or disabling the Duty Cycle Stabilizer (DCS) now requires writes to registers 0x011C, 0x011E, and 0x011F.

### Reason For Change

The data sheet is being updated to accurately reflect the AD9694 device capabilities.

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

The changes described above will not have any impact on fit, form, or reliability of the device.

### Summary of Supporting Information

Changes will be reflected in rev A of the Product 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.**

<b>Americas:</b> PCN_Americas@analog.com	<b>Europe:</b> PCN_Europe@analog.com	<b>Japan:</b> PCN_Japan@analog.com
		<b>Rest of Asia:</b> PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (2)**

AD9694 / AD9694BCPZ-500

AD9694 / AD9694BCPZRL7-500

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	13-Dec-2017	13-Dec-2017	Initial Release

Analog Devices, Inc.

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