



## Product/Process Change Notice - PCN 14\_0140 Rev. -

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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:** Specification Change for AD9970, AD9971, AD9973 and AD9977  
**Publication Date:** 11-Jun-2014  
**Effectivity Date:** 11-Jun-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Revision

### Description Of Change

The minimum specification for SCK-to-SL hold time (tLH) has been changed from "10ns" to "1/tCONV".

### Reason For Change

To ensure proper operation under all conditions, this revised minimum hold time specification needs to be followed.

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

User needs to confirm the SPI clock timing of SCK and SL to satisfy the updated tLH specification to ensure proper device operation.

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

### Summary of Supporting Information

This change will be reflected in Rev SpD of the AD9970 data sheet, Rev SpB of the AD9971 data sheet and Rev SpB of the AD9973 data sheet. For additional information regarding the AD9977 please contact Analog Devices.

**Supporting Documents**      None

**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 (9)**

AD9970 / AD9970BCFZ	AD9970 / AD9970BCPZRL	AD9970 / AD9970BCPZRL7	AD9971 / AD9971BCFZ	AD9971 / AD9971BCPZRL
AD9973 / AD9973BBCZ	AD9973 / AD9973BBCZRL	AD9977 / AD9977BBCZ	AD9977 / AD9977BBCZRL	

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	11-Jun-2014	11-Jun-2014	Initial Revision

Analog Devices, Inc.

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