



## Product/Process Change Notice - PCN 20\_0205 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:** Data Sheet Revision for the HMC247 Analog Phase Shifter  
**Publication Date:** 03-Jun-2020  
**Effectivity Date:** 05-Sep-2020 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release.

**Description Of Change:**

The HMC247 Analog Phase Shifter data sheet will be updated as follows:  
Change the control voltage range over 5-6 GHz.  
FROM: 0 Volts to 10 Volts  
TO: 0 Volts to 8 Volts

**Reason For Change:**

The data sheet is being updated to optimize the insertion loss performance.

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

No change to form, fit & reliability. The control voltage range from 6-18 GHz remains 0 to 10 volts. The new control voltage range from 5-6 GHz should be reviewed to determine if any system and/or documentation changes are required at the customer site.

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

All product beginning with date code 2008 are being tested to the new data sheet revision.

**Summary of Supporting Information:**

See attached Data Sheet Specification Comparison in the Supporting Documents section of this PCN. The Data Sheet will be updated FROM: Rev v03 TO: Rev v04.

**Supporting Documents**

**Attachment 1: Type:** Datasheet Specification Comparison  
ADI\_PCN\_20\_0205\_Rev\_-\_Data Sheet Revision for the HMC247.pdf

**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

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**Appendix A - Affected ADI Models**

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

HMC247G / HMC247

HMC247G / HMC247-SX

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	03-Jun-2020	05-Sep-2020	Initial Release.

Analog Devices, Inc.

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