



Product/Process Change Notice - PCN 18_0101 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: Die Revision for HMC7950LS6

Publication Date: 15-Jun-2018

Effectivity Date: 15-Jun-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change:

1. Increased common gate resistor value from 12.5 ohm to 20 ohm.
2. Added 2100 ohm drain stripe resistors.

Reason For Change:

1. Fixed oscillation above 80 GHz which may appear on some parts.
2. Improve the k-factor at -40C.

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

Minor change; expect an approximately 1 dB reduction in gain at the high end frequency band of operation (28GHz) tapering to 0 dB at the low end frequency band of operation (2 GHz). No change to the gain limits on the original data sheet are required. No change to fit, form or reliability of the part.

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

New material will have a date code of 1813 or later.

Summary of Supporting Information:

No qualification required due to the minor nature of the changes.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_18_0101_Rev_-_L7201A-HMC7950 production mask update.pptx

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)

HMC7950 / HMC7950LS6

HMC7950 / HMC7950LS6TR

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	15-Jun-2018	15-Jun-2018	Initial Release

Analog Devices, Inc.

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