



## Product/Process Change Notice - PCN 14\_0188 Rev. A

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.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** ADV7625, ADV7626 & ADV7627 Metal Edits  
**Publication Date:** 14-Oct-2015  
**Effectivity Date:** 14-Oct-2015 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Update of the initial release for product identification

### Description Of Change

Metal edits to enhance and add features and to improve device robustness.

### Reason For Change

The metal edits add capability to support CEC in cross point mode and increase the robustness of jitter performance at extreme corner of high temperature/slow material.

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

Other than the improvements described, the metal edit will have no impact on the devices' form, fit, reliability and function.

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

ADV7626 and ADV7627: from date code 1531 onwards only changed die will be shipped  
ADV7625: from date code 1530 onwards only changed die will be shipped.

### Summary of Supporting Information

The metal edits were verified via bench testing as per the attached file.

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_14\_0188\_Rev\_A\_Verification\_Simulation tests.pptx

**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**

**Existing Parts - Product Family / Model Number (6)**

|                            |                            |                         |                            |                         |
|----------------------------|----------------------------|-------------------------|----------------------------|-------------------------|
| ADV7625 / ADV7625KBCZ-8    | ADV7625 / ADV7625KBCZ-8-RL | ADV7626 / ADV7626KBCZ-8 | ADV7626 / ADV7626KBCZ-8-RL | ADV7627 / ADV7627KBCZ-8 |
| ADV7627 / ADV7627KBCZ-8-RL |                            |                         |                            |                         |

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b>                                   |
|------------|---------------------|-------------------------|--|
| Rev. -     | 19-Jan-2015         | 19-Apr-2015             | Initial Release  |
| Rev. A     | 14-Oct-2015         | 14-Oct-2015             | Update of the initial release for product identification |

Analog Devices, Inc.

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