# Product/Process Change Notice - PCN 13_0184 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 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:** Polyimide Thickness Change for AD1582, AD1584 and AD1585

**Publication Date:** 11-Nov-2013

**Effectivity Date:** 09-Feb-2014 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change**

The current polyimide thickness for the AD1582, AD1584 and AD1585 is being increased from 5um to 20um.

**Reason For Change**

The 20um thick Polyimide, provides an increased stress relief to the die, leading to a more predictable performance and delivery.

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

This change will not impact form, fit, function, quality or reliability.

**Summary of Supporting Information**

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

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**Supporting Documents**

**Attachment 1: Type**: Qualification Report Summary

ADI_PCN_13_0184_Rev_-_Qualification Summary.pdf

| 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 (11)** | | | | |
| AD1582 / AD1582ART-REEL7 | AD1582 / AD1582ARTZ-R2 | AD1582 / AD1582ARTZ-REEL7 | AD1582 / AD1582BRTZ-REEL7 | AD1584 / AD1584ARTZ-R2 |
| AD1584 / AD1584ARTZ-REEL7 | AD1584 / AD1584BRTZ-REEL7 | AD1584 / ADW63001BRTZ-R7 | AD1585 / AD1585ARTZ-R2 | AD1585 / AD1585ARTZ-REEL7 |
| AD1585 / AD1585BRTZ-REEL7 | | | | |

| Appendix B - Revision History | | | |
|---|---|---|---|
| **Rev** | **Publish Date** | **Effectivity Date** | **Rev Description** |
| Rev. - | 11-Nov-2013 | 09-Feb-2014 | Initial Release |
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