



Product/Process Change Notice - PCN 13_0173 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: AD7280/AD7280A Minor Mask Modification

Publication Date: 30-Jul-2013

Effectivity Date: 31-Oct-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Modify the TGATE mask such that the 'thick oxide' remains under the bond pads on the High Voltage Die.

Support Slide attached.

Reason For Change

This low risk modification addresses an extra active mechanism that has been identified.

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

This change will result in improved reliability. There will be no impact on the form, fit or function of the device.

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

Effective date code will be advised on a future revision of this PCN.

Summary of Supporting Information

Validation plan attached.

Comments

Attached slide provides change details and explanation.

Supporting Documents

Attachment 1: Type: Qualification Plan Summary

ADI_PCN_13_0173_Rev_-_Validation Plan TGATE.pdf

Attachment 2: Type: Detailed Change Description

ADI_PCN_13_0173_Rev_-_TGATE MASK CHANGE.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 (9)

| | | | | |
|--------------------------|------------------------|---------------------------|-------------------------|-----------------------|
| AD7280 / AD7280BSTZ | AD7280 / AD7280BSTZ-RL | AD7280 / AD7280WBSTZ | AD7280 / AD7280WBSTZ-RL | AD7280A / AD7280ABSTZ |
| AD7280A / AD7280ABSTZ-RL | AD7280A / AD7280AWBSTZ | AD7280A / AD7280AWBSTZ-RL | AD7280A / ADW70013Z-0RL | |

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|------------------------|
| Rev. - | 30-Jul-2013 | 31-Oct-2013 | Initial Release |
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Analog Devices, Inc.

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