



## Product/Process Change Notice - PCN 13\_0293 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:** ADR504X Die Revision  
**Publication Date:** 12-Sep-2014  
**Effectivity Date:** 11-Dec-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Startup circuitry modified in order to improve robustness over all operating conditions.

### Reason For Change

Improve robustness of startup characteristic over all operating conditions.

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

The new material will meet or exceed the performance of the existing material. There will be no additional performance changes to form, fit, function and reliability.

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

Material received after Effectivity Date could be of new material. Each device model will have a distinct datecode cutoff.

### Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

### Supporting Documents

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

ADI\_PCN\_13\_0293\_Rev\_-\_ADR504X Die Revision Qual Summary.pdf

**For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative**

<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**

**Added Parts On This Revision - Product Family / Model Number (54)**

ADR5040 / ADR5040AKSZ-R2	ADR5040 / ADR5040AKSZ-REEL	ADR5040 / ADR5040AKSZ-REEL7	ADR5040 / ADR5040ARTZ-R2	ADR5040 / ADR5040ARTZ-REEL
ADR5040 / ADR5040ARTZ-REEL7	ADR5040 / ADR5040BKSZ-R2	ADR5040 / ADR5040BKSZ-REEL7	ADR5040 / ADR5040BRTZ-R2	ADR5040 / ADR5040BRTZ-REEL7
ADR5041 / ADR5041AKSZ-R2	ADR5041 / ADR5041AKSZ-REEL	ADR5041 / ADR5041AKSZ-REEL7	ADR5041 / ADR5041ARTZ-R2	ADR5041 / ADR5041ARTZ-REEL
ADR5041 / ADR5041ARTZ-REEL7	ADR5041 / ADR5041BKSZ-R2	ADR5041 / ADR5041BKSZ-REEL7	ADR5041 / ADR5041BRTZ-R2	ADR5041 / ADR5041BRTZ-REEL7
ADR5041 / ADR5041WARTZ-R7	ADR5041 / ADR5041WBRTZ-R7	ADR5043 / ADR5043AKSZ-R2	ADR5043 / ADR5043AKSZ-REEL	ADR5043 / ADR5043AKSZ-REEL7
ADR5043 / ADR5043ARTZ-R2	ADR5043 / ADR5043ARTZ-REEL	ADR5043 / ADR5043ARTZ-REEL7	ADR5043 / ADR5043BKSZ-R2	ADR5043 / ADR5043BKSZ-REEL7
ADR5043 / ADR5043BRTZ-R2	ADR5043 / ADR5043BRTZ-REEL7	ADR5044 / ADR5044AKSZ-R2	ADR5044 / ADR5044AKSZ-REEL	ADR5044 / ADR5044AKSZ-REEL7
ADR5044 / ADR5044ARTZ-R2	ADR5044 / ADR5044ARTZ-REEL	ADR5044 / ADR5044ARTZ-REEL7	ADR5044 / ADR5044BKSZ-R2	ADR5044 / ADR5044BKSZ-REEL7
ADR5044 / ADR5044BRTZ-R2	ADR5044 / ADR5044BRTZ-REEL7	ADR5044 / ADR5044WARTZ-R7	ADR5044 / ADR5044WBRTZ-R7	ADR5045 / ADR5045AKSZ-R2
ADR5045 / ADR5045AKSZ-REEL	ADR5045 / ADR5045AKSZ-REEL7	ADR5045 / ADR5045ARTZ-R2	ADR5045 / ADR5045ARTZ-REEL	ADR5045 / ADR5045ARTZ-REEL7
ADR5045 / ADR5045BKSZ-R2	ADR5045 / ADR5045BKSZ-REEL7	ADR5045 / ADR5045BRTZ-R2	ADR5045 / ADR5045BRTZ-REEL7	

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	12-Sep-2014	11-Dec-2014	Initial Release

Analog Devices, Inc.

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