



## Product/Process Change Notice - PCN 19\_0029 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 ADSP-SC57x & ADSP-2157x SHARC Processors  
**Publication Date:** 08-Feb-2019  
**Effectivity Date:** 13-May-2019 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release.

**Description Of Change:**

Die revision change to fix IC Anomaly # 20000093 "Processor pins can drive actively during power up".  
See IC Anomaly sheet for technical details.

**Reason For Change:**

To improve functionality of impacted products

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

There is no impact to fit, form or reliability. Functionality is improved with this die revision.

**Summary of Supporting Information:**

Qualification has been performed per AEC-Q100. See attached Qualification Results Summary.

**Supporting Documents**

**Attachment 1: Type:** Detailed Change Description

ADI\_PCN\_19\_0029\_Rev\_-\_ADSP-SC570\_571\_572\_573\_ADSP-21571\_573-Silicon-Anomaly-List\_D.pdf

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**Attachment 2: Type:** Delta Qualification Matrix

ADI\_PCN\_19\_0029\_Rev\_-\_ADSP-SC57x and ADSP-2157x CSP-BGA and LQFP-EP Product Revision Rev0.2.xlsm

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**Attachment 3: Type:** Qualification Results Summary

ADI\_PCN\_19\_0029\_Rev\_-\_Qualification Results ADSP-SC57x and ADSP-2157x.pdf

**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 (75)**

ADSP-21571 / ADSP-21571BSWZ-4	ADSP-21571 / ADSP-21571BSWZ-5	ADSP-21571 / ADSP-21571CSWZ-4	ADSP-21571 / ADSP-21571CSWZ-5	ADSP-21571 / ADSP-21571KSWZ-4
ADSP-21571 / ADSP-21571KSWZ-5	ADSP-21571W / AD21571WCSWZ400	ADSP-21571W / AD21571WCSWZ500	ADSP-21571W / ADW9517ZZ-00	ADSP-21571W / ADW9517ZZ-00RL
ADSP-21573 / ADSP-21573BBCZ-4	ADSP-21573 / ADSP-21573BBCZ-5	ADSP-21573 / ADSP-21573CBCZ-4	ADSP-21573 / ADSP-21573CBCZ-5	ADSP-21573 / ADSP-21573KBCZ-4
ADSP-21573 / ADSP-21573KBCZ-5	ADSP-21573-D / ADSP-21573KBCZ4D1	ADSP-21573-D / ADSP-21573KBCZ4D2	ADSP-21573-D / ADSP-21573KBCZ4D3	ADSP-21573-D / ADSP-21573KBCZ4D4
ADSP-21573-D / ADSP-21573KBCZ4D6	ADSP-21573-D / ADSP-21573KBCZ4D7	ADSP-21573-D / ADSP-21573KBCZ5D1	ADSP-21573-D / ADSP-21573KBCZ5D2	ADSP-21573-D / ADSP-21573KBCZ5D3
ADSP-21573-D / ADSP-21573KBCZ5D4	ADSP-21573W / AD21573WCBCZ400	ADSP-21573W / AD21573WCBCZ500	ADSP-21573W / ADW95168Z-00	ADSP-21573W / ADW95168Z-00RL
ADSP-21573W / ADW95168Z-00	ADSP-21573W / ADW95168Z-00RL	ADSP-SC570 / ADSP-SC570BSWZ-4	ADSP-SC570 / ADSP-SC570BSWZ-42	ADSP-SC570 / ADSP-SC570CSWZ-4
ADSP-SC570 / ADSP-SC570CSWZ-42	ADSP-SC570 / ADSP-SC570KSWZ-4	ADSP-SC570 / ADSP-SC570KSWZ-42	ADSP-SC570W / ADSC570WCSWZ400	ADSP-SC570W / ADSC570WCSWZ4200
ADSP-SC570W / ADW95171Z-00	ADSP-SC570W / ADW95171Z-00RL	ADSP-SC571 / ADSP-SC571BSWZ-3	ADSP-SC571 / ADSP-SC571BSWZ-4	ADSP-SC571 / ADSP-SC571BSWZ-5
ADSP-SC571 / ADSP-SC571CSWZ-3	ADSP-SC571 / ADSP-SC571CSWZ-4	ADSP-SC571 / ADSP-SC571CSWZ-5	ADSP-SC571 / ADSP-SC571KSWZ-3	ADSP-SC571 / ADSP-SC571KSWZ-4
ADSP-SC571 / ADSP-SC571KSWZ-5	ADSP-SC571W / ADSC571WCSWZ300	ADSP-SC571W / ADSC571WCSWZ400	ADSP-SC571W / ADSC571WCSWZ500	ADSP-SC572 / ADSP-SC572BBCZ-4
ADSP-SC572 / ADSP-SC572BBCZ-42	ADSP-SC572 / ADSP-SC572CBCZ-4	ADSP-SC572 / ADSP-SC572CBCZ-42	ADSP-SC572 / ADSP-SC572KBCZ-4	ADSP-SC572 / ADSP-SC572KBCZ-42
ADSP-SC572W / ADSC572WCBCZ400	ADSP-SC572W / ADSC572WCBCZ4200	ADSP-SC573 / ADSP-SC573BBCZ-3	ADSP-SC573 / ADSP-SC573BBCZ-4	ADSP-SC573 / ADSP-SC573BBCZ-5
ADSP-SC573 / ADSP-SC573CBCZ-3	ADSP-SC573 / ADSP-SC573CBCZ-4	ADSP-SC573 / ADSP-SC573CBCZ-5	ADSP-SC573 / ADSP-SC573KBCZ-3	ADSP-SC573 / ADSP-SC573KBCZ-4
ADSP-SC573 / ADSP-SC573KBCZ-5	ADSP-SC573-D / ADSP-SC573KBCZ4D1	ADSP-SC573W / ADSC573WCBCZ300	ADSP-SC573W / ADSC573WCBCZ400	ADSP-SC573W / ADSC573WCBCZ500

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-Feb-2019	13-May-2019	Initial Release.

Analog Devices, Inc.

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