



Product/Process Change Notice - PCN 18_0142 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: Data sheet changes for ADSP-
SC582,SC583,SC584,SC587,SC589,21583,21584,21587

Publication Date: 21-Dec-2018

Effectivity Date: 21-Dec-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:
Initial Release

Description Of Change:

1) Program Trace Macrocell (PTM) Timing specifications have been corrected in Table #105, Page #151, to better reflect actual functionality and performance. See attached supporting documentation for further details.

2) New footnote added and applicable to PCIE Power Supply signals in Table #27, Page #77. See attached supporting documentation for further details.

Reason For Change:

To correct documentation errors existing in the Rev A data sheet

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

No change to fit, form or reliability. Customers are suggested to validate these changes in their designs.

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

Changes will be reflected in the Rev B product data sheet, available in January 2019.

Summary of Supporting Information:

See attached document for detailed changes.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_18_0142_Rev_-_PCN_18_0142.docx

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 (82)

ADSP-21487-D / ADSST-AVR-4051	ADSP-21583 / AD91214Z	ADSP-21583 / ADSP-21583BBCZ-4A	ADSP-21583 / ADSP-21583CBCZ-4A	ADSP-21583 / ADSP-21583KBCZ-4A
ADSP-21583W-10 / AD21583WCBCZ4A10	ADSP-21583W-10 / ADW95149Z-10RL	ADSP-21584 / AD91208Z	ADSP-21584 / ADSP-21584BBCZ-4A	ADSP-21584 / ADSP-21584BBCZ-5A
ADSP-21584 / ADSP-21584CBCZ-4A	ADSP-21584 / ADSP-21584CBCZ-5A	ADSP-21584 / ADSP-21584KBCZ-4A	ADSP-21584 / ADSP-21584KBCZ-5A	ADSP-21584-D / AD91212Z
ADSP-21584-D / AD91219Z	ADSP-21584-D / ADSP-21584KBCZ4AD1	ADSP-21584-D / ADSP-21584KBCZ4AD2	ADSP-21584-D / ADSP-21584KBCZ4AD3	ADSP-21584-D / ADSP-21584KBCZ4AD4
ADSP-21584-D / ADSP-21584KBCZ4AD5	ADSP-21584-D / ADSP-21584KBCZ5AD1	ADSP-21584-D / ADSP-21584KBCZ5AD3	ADSP-21584W-10 / AD21584WCBCZ4A10	ADSP-21584W-10 / AD21584WCBCZ5A10
ADSP-21584W-10 / ADW95159Z-10	ADSP-21584W-10 / ADW95159Z-10RL	ADSP-21584W-12 / ADW95159Z-12RL	ADSP-21584W-13 / ADW95167Z-13	ADSP-21584W-13 / ADW95167Z-13RL
ADSP-21587 / ADSP-21587BBCZ-4B	ADSP-21587 / ADSP-21587BBCZ-5B	ADSP-21587 / ADSP-21587KBCZ-4B	ADSP-21587 / ADSP-21587KBCZ-5B	ADSP-SC582 / ADSP-SC582BBCZ-4A
ADSP-SC582 / ADSP-SC582CBCZ-4A	ADSP-SC582 / ADSP-SC582KBCZ-4A	ADSP-SC582W-10 / ADSC582WCBCZ4A10	ADSP-SC583 / ADSP-SC583BBCZ-3A	ADSP-SC583 / ADSP-SC583BBCZ-4A
ADSP-SC583 / ADSP-SC583CBCZ-3A	ADSP-SC583 / ADSP-SC583KBCZ-4A	ADSP-SC583 / ADSP-SC583KBCZ-3A	ADSP-SC583 / ADSP-SC583KBCZ-4A	ADSP-SC583W-10 / ADSC583WCBCZ3A10
ADSP-SC583W-10 / ADSC583WCBCZ4A10	ADSP-SC584 / ADSP-SC584BBCZ-3A	ADSP-SC584 / ADSP-SC584BBCZ-4A	ADSP-SC584 / ADSP-SC584BBCZ-5A	ADSP-SC584 / ADSP-SC584CBCZ-3A
ADSP-SC584 / ADSP-SC584CBCZ-4A	ADSP-SC584 / ADSP-SC584CBCZ-5A	ADSP-SC584 / ADSP-SC584KBCZ-3A	ADSP-SC584 / ADSP-SC584KBCZ-4A	ADSP-SC584 / ADSP-SC584KBCZ-5A
ADSP-SC584-D / ADSP-SC584KBCZ4AD1	ADSP-SC584W-10 / ADSC584WCBCZ3A10	ADSP-SC584W-10 / ADSC584WCBCZ4A10	ADSP-SC584W-10 / ADSC584WCBCZ5A10	ADSP-SC584W-10 / ADW95148Z-10
ADSP-SC584W-10 / ADW95148Z-10RL	ADSP-SC584W-10 / ADW95173Z-10RL	ADSP-SC584W-10 / ADW95174Z-10	ADSP-SC584W-10 / ADW95174Z-10RL	ADSP-SC584W-12 / ADSC584WCBCZ4A12
ADSP-SC584W-12 / ADW95148Z-12RL	ADSP-SC584W-12 / ADW95173Z-12RL	ADSP-SC584W-12 / ADW95174Z-12RL	ADSP-SC584W-13 / ADW95166Z-13	ADSP-SC584W-13 / ADW95166Z-13RL
ADSP-SC587 / AD91218Z	ADSP-SC587 / ADSP-SC587BBCZ-4B	ADSP-SC587 / ADSP-SC587BBCZ-5B	ADSP-SC587 / ADSP-SC587KBCZ-4B	ADSP-SC587 / ADSP-SC587KBCZ-5B
ADSP-SC587W-10 / ADSC587WBBCZ5B10	ADSP-SC587W-10 / ADSC587WCBCZ4B10	ADSP-SC589 / ADSP-SC589BBCZ-4B	ADSP-SC589 / ADSP-SC589BBCZ-5B	ADSP-SC589 / ADSP-SC589KBCZ-4B
ADSP-SC589 / ADSP-SC589KBCZ-5B	ADSP-SC589-D / ADSP-SC589KBCZ4BD4			

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	21-Dec-2018	21-Dec-2018	Initial Release

Analog Devices, Inc.

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