



Product/Process Change Notice - PCN 17_0106 Rev. A

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: Data Sheet corrections for ADSP-2158x and ADSP-SC58x Products
Publication Date: 20-Jul-2017
Effectivity Date: 20-Jul-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Correcting Table numbers for Rev A data sheet changes.

Description Of Change

Correcting table numbers below for the changes made in Rev A data sheet.
The following specification changes will be made to the Rev A product data sheet:

- 1) Correction to DDR2 SDRAM Read Cycle Timing to align to JEDEC JESD79 specifications.
From: Rev 0 data sheet, table #52: tQH parameter 0.9 ns
To : Rev A data sheet, table #55: tQH parameter 0.8 ns
- 2) Correction to DDR3 SDRAM Read Cycle Timing to align to JEDEC JESD79 specifications.
From: Rev 0 data sheet, table #58: tDQSQ parameter 0.2 ns
To: Rev A data sheet, table #61: tDQSQ parameter 0.15 ns

Reason For Change

To better align to JEDEC JESD79 specifications and represent the actual functionality of the products.

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

Customers are advised to confirm these changes against their product designs. These changes are not expected to impact the fit, form, function or reliability of the ADSP-2158x and ADSP-SC58x products.

Summary of Supporting Information

These corrections will be reflected in Rev A of the product datasheet.

Supporting Documents None

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

Existing Parts - Product Family / Model Number (52)

ADSP-21487-D / ADSST-AVR-4051	ADSP-21583 / ADSP-21583BBCZ-4A	ADSP-21583 / ADSP-21583CBCZ-4A	ADSP-21583 / ADSP-21583KBCZ-4A	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 / ADSP-21584KBCZ4AD1	ADSP-21584-D / ADSP-21584KBCZ4AD2	ADSP-21584-D / ADSP-21584KBCZ4AD3
ADSP-21584-D / ADSP-21584KBCZ4AD4	ADSP-21584-D / ADSP-21584KBCZ5AD1	ADSP-21584W-10 / AD21584WCBCZ4A10	ADSP-21584W-10 / AD21584WCBCZ5A10	ADSP-21584W-10 / ADW95159Z-10
ADSP-21584W-10 / ADW95159Z-10RL	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-SC583 / ADSP-SC583BBCZ-3A	ADSP-SC583 / ADSP-SC583BBCZ-4A
ADSP-SC583 / ADSP-SC583CBCZ-3A	ADSP-SC583 / ADSP-SC583CBCZ-4A	ADSP-SC583 / ADSP-SC583KBCZ-3A	ADSP-SC583 / ADSP-SC583KBCZ-4A	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-SC584W-10 / ADSC584WCBCZ3A10	ADSP-SC584W-10 / ADSC584WCBCZ4A10
ADSP-SC584W-10 / ADSC584WCBCZ5A10	ADSP-SC584W-10 / ADW95148Z-10	ADSP-SC584W-10 / ADW95148Z-10RL	ADSP-SC587 / ADSP-SC587BBCZ-4B	ADSP-SC587 / ADSP-SC587BBCZ-5B
ADSP-SC587 / ADSP-SC587KBCZ-4B	ADSP-SC587 / ADSP-SC587KBCZ-5B			

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	30-May-2017	30-May-2017	Initial Release
Rev. A	20-Jul-2017	20-Jul-2017	Correcting Table numbers for Rev A data sheet changes.

Analog Devices, Inc.

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