



Product/Process Change Notice - PCN 13_0300 Rev. -

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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: Datasheet Changes for ADSP-BF538/BF538F Processors
Publication Date: 25-Nov-2013
Effectivity Date: 25-Nov-2013 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

The following changes have been incorporated in the ADSP-BF538/BF538F product datasheet:

- 1) Added two (2) new footnotes to Table #33, "Serial Ports-Enable and Three-State".
- 2) Added new footnote #3 to "Operating Conditions" table and renumbered all sequential footnotes accordingly.
- 3) Added new Table #38, "Timer Clock Timing" and renumbered all sequential tables accordingly.
- 4) Added Parameters to Table #39 (formerly Table #38 in previous datasheets), "Timer Cycle Timing".
- 5) Added new footnote #2 to Table #39, "Timer Cycle Timing".

Please see details in the attached Datasheet Specification Comparison document.

Reason For Change

To more accurately reflect the product performance.

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

There is no change to the Product Fit, Form, Functionality, Reliability or Testing of the product. This PCN communicates documentation changes only.

Summary of Supporting Information

Changes will be reflected in Rev. E of the ADSP-BF538/ BF538F product datasheet.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_13_0300_Rev_-_ADI_PCN_13_0300_Rev_-_ADSPBF538_RevEDatasheet.pptx

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 (4)

ADSP-BF538 / ADSP-BF538BBCZ-4A

ADSP-BF538 / ADSP-BF538BBCZ-5A

ADSP-BF538F / ADSP-BF538BBCZ-4F8

ADSP-BF538F / ADSP-BF538BBCZ-5F8

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	25-Nov-2013	25-Nov-2013	Initial Release

Analog Devices, Inc.

DocId:2658 Parent DocId:2611 Layout Rev:7