



Product/Process Change Notice - PCN 09_0016 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: Replacement of Microsemi diode (6.3V / 6.4V) with an equivalent assembly for 5B model and it's derivatives.

Publication Date: 31-Aug-2009

Samples Available Date: not applicable

Effectivity Date: 15-Dec-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Custom 6.3V and 6.4V Zener diodes from Microsemi will be replaced by an equivalent PCB assembly alternative device which utilizes two ADI components, namely the ADR550BKS and the ADR1581BRTZ. Both the standard part and the alternative PCB device are through hole components and no additional assembled product substrate or component changes will be required.

Reason For Change

Increased raw material availability.

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

There will be no change to the product fit, form, electrical performance or product reliability

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

Earliest possible date code is 0951.

Summary of Supporting Information

Representative samples from the 7B family were used as the qualification vehicle per the attached qualification plan. Qualification test results are attached.

Supporting Documents

Attachment 1: ADI_PCN_09_0016_Rev_-_Diode Assy Evaln Plan.pdf

Attachment 2: ADI_PCN_09_0016_Rev_-_diode equivalent qualification summary.pdf

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 (10)

5B38 / 5B38-02	5B38 / 5B38-02-MB	5B38 / 5B38-02-NI	5B38 / 5B38-04	5B38 / 5B38-04-MB	5B38 / 5B38-04-NI
5B38 / 5B38-05	5B38 / 5B38-05-MB	5B38 / 5B38-05-NI	5B38 / 5B38-CUSTOM		

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	31-Aug-2009	Initial Release

Analog Devices, Inc.

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