



## Product/Process Change Notice - PCN 09\_0157 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:** AD8158 Change of Default Settings to Loss of Signal (LOS) Registers.

**Publication Date:** 13-Aug-2009

**Samples Available Date:** 03-Aug-2009

**Effectivity Date:** 11-Sep-2009 *(the earliest date that a customer could expect to receive changed material)*

### Description Of Change

The default values of registers 0x50, 0x90, and 0xC0 were changed to the recommended setting of 0x10 and the default values of registers 0x51, 0x91 and 0xC1 were changed to the recommended setting of 0x05. With this change, the customer no longer now needs to write these registers to set the recommended LOS configuration. The register table in the datasheet has been revised to reflect the new default values.

### Reason For Change

To simplify customers' software.

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

Customers will not be required to write default values into the register. Customer still has option of overwriting these registers to any other preferred setting through I2C bus.

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

AD8158 parts with date code of 0926 or newer will have updated default setting (which is recommended setting) and customer doesn't need to overwrite LOS registers.

### Summary of Supporting Information

Updated to datasheet (Rev A). See attached supporting document.

### Supporting Documents

**Attachment 1:** ADI\_PCN\_09\_0157\_Rev\_-\_AD8158 DatasheetChanges.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 (1)**

AD8158 / AD8158ACPZ

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	13-Aug-2009	Initial Release

Analog Devices, Inc.

DocId:805 Parent DocId:788