



Product/Process Change Notice - PCN 26_0082 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.

PCN Title:	ADIS1657x Board Thickness Change
Publication Date:	31-Mar-2026
Effectivity Date:	31-Mar-2026 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

The Osprey IMU (ADIS1657x) module has been updated with several enhancements and errata improvements.

- 1) Internal Printed Circuit Boards (PCBs) in the module have been thickened.
- 2) A crystal oscillator was added.
- 3) Firmware has been modified to enhance diagnostics.
- 4) The temp soak for startup drift estimation was reduced.

Reason For Change:

Enhancements made to improve device robustness and optimize device performance. Firmware modifications to enhance diagnostics were to enhance customer user experience

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

No impact on form, fit, or function. Improved product performance.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results.

Supporting Documents:

Attachment 1: Type: Qualification Results Summary

ADI_PCN_26_0082_Rev_-_ADIS1657X Qualification Report.pdf

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (6)

ADIS16575 / ADIS16575-2BMLZ

ADIS16575 / ADIS16575-2BMLZX

ADIS16577 / ADIS16577-2BMLZ

ADIS16577 / ADIS16577-2BMLZX

ADIS16577 / ADIS16577-3BMLZ

ADIS16577 / ADIS16577-3BMLZX

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	31-Mar-2026	31-Mar-2026	Initial Release.