



Product/Process Change Notice - PCN 18_0060 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 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.

PCN Title: OP2177 Die Revision and Wafer Fabrication Process Change

Publication Date: 07-Jun-2018

Effectivity Date: 09-Sep-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

- 1) Wafer fabrication process is changing from HVBP1 to XFCB40.
- 2) Layout has been revised to accommodate the fabrication process change. This includes the transistor layout, rerouting of circuitry and bond pad location.
- 3) Polyimide thickness is increasing from 5um to 17um

Reason For Change:

Migrating the OP2177 to a newer process to improve capacity utilization to ensure longevity of the supply chain.

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

The new material will meet or exceed the performance of the existing material. There will be no changes to form, fit, function and reliability.

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

Cut-Over Date Code provided upon request.

Summary of Supporting Information:

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

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_18_0060_Rev_-_OP2177_Qualification_Results_Summary.pdf

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				
Added Parts On This Revision - Product Family / Model Number (6)				
OP2177 / OP2177ARMZ	OP2177 / OP2177ARMZ-R7	OP2177 / OP2177ARMZ-REEL	OP2177 / OP2177ARZ	OP2177 / OP2177ARZ-REEL
OP2177 / OP2177ARZ-REEL7				

Appendix B - Revision History			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	07-Jun-2018	09-Sep-2018	Initial Release.

Analog Devices, Inc.

DocId:4400 Parent DocId:None Layout Rev:7