

# 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 reg	ional contacts below or contact	your local ADI sales representatives.
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Americas: Europe: Japan: Rest of Asia:

PCN Americas@analog.com PCN Europe@analog.com PCN Japan@analog.com 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