



## Product/Process Change Notice - PCN 18\_0097 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:** ADRF6821 Process Robustness Improvement and Die Revision

**Publication Date:** 20-Jun-2018

**Effectivity Date:** 22-Sep-2018 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release.

**Description Of Change:**

1. Die Revision:

- Added ESD Domain connections between all grounds; Back-to-Back diodes
- Added Down-Bond to ESD ground connections; Back-to-Back diodes
- Added up/down diodes between interconnected blocks.

2. Electrical Specification:

- Device Identification through Register Readback is change:
- ADI Engineering Register 0x0010 value from 0x20 to 0x30
- ADI Engineering Register 0x1010 value from 0x20 to 0x34

**Reason For Change:**

1. Process Robustness Improvement.
2. Increased production to meet customers demand.

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

-No change to fit, form, function & reliability.

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

Device Identification through Register Readback.

**Summary of Supporting Information:**

Qualification will be performed per Industry Standard Test Methods. See attached Qualification Plan.

**Supporting Documents**

**Attachment 1: Type:** Qualification Plan

ADI\_PCN\_18\_0097\_Rev\_-\_ADRF6821\_Qualification\_Plan.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:**  
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**Rest of Asia:**  
PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (3)**

ADRF6821 / ADRF6821ACPZ

ADRF6821 / ADRF6821ACPZ-RL7

ADRF6821 / ADRF6821XCPZ

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Jun-2018	22-Sep-2018	Initial Release.

Analog Devices, Inc.

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