



## Product/Process Change Notice - PCN 21\_0171 Rev. -

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

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:** ADE78xxA Firmware/Test Program Change

**Publication Date:** 27-Sep-2021

**Effectivity Date:** 30-Dec-2021 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release.

**Description Of Change:**

Firmware/Test:

1. Read Value of Version Register 0xE707 changing from 0x02 to 0x14.

Data Sheet:

1. Added Table 25. Neutral Current Mismatch Triggers Randomly [er002, Version = 2 Silicon].

2. Updated Section 1. Functionality Issues to add er002.

**Reason For Change:**

Remove risk of Neutral Current Mismatch triggering randomly.

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

No change to fit, form and reliability; improved function.

**Summary of Supporting Information:**

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

Refer to new Product Data Sheet Rev D for changes.

**Supporting Documents**

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_21\_0171\_Rev\_-\_QualificationResults Summary ADE78xxA.pdf

**Attachment 2: Type:** Revised Datasheet Specification

ADI\_PCN\_21\_0171\_Rev\_-\_ADE7854A\_ADE7858A\_ADE7868A\_ADE7878A\_RevD.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 (8)**

ADE7854A / ADE7854ACPZ	ADE7854A / ADE7854ACPZ-RL	ADE7858A / ADE7858ACPZ	ADE7858A / ADE7858ACPZ-RL	ADE7868A / ADE7868ACPZ
ADE7868A / ADE7868ACPZ-RL	ADE7878A / ADE7878ACPZ	ADE7878A / ADE7878ACPZ-RL		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	27-Sep-2021	30-Dec-2021	Initial Release.

Analog Devices, Inc.

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