



## Product/Process Change Notice - PCN 06\_0159 Rev. F

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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** Qualification of 8" S6 wafer fab process at Analog Devices, Limerick, Ireland.

**Publication Date:** 21-Dec-2009

**Samples Available Date:**

**Effectivity Date:** 21-Mar-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Add ADM2482E and ADM2487E to the list of parts transferring from 6" S6 to the equivalent 8" S6 process

### Description Of Change

As per previous revisions of this PCN the 8" S6 CMOS process has been qualified at Analog Devices, Limerick, Ireland. The purpose of this revision (Rev F) is to notify customers that the ADM2482E and ADM2487E will transfer to the 8" wafer fab.

The 8" S6 process has been in volume production since 2006.

### Reason For Change

Increase in fabrication capacity.

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

The form, fit, function, quality and reliability of the ADM2482E and ADM2487E will not change as a result of this transfer.

### Summary of Supporting Information

Qualification Report #RQR03910 contains qualification test results for the 8" S6 0.6um process.

## Supporting Documents

### Attachment 1:

ADI\_PCN\_06\_0159\_Rev\_F\_RQR03910S.pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (41)**

AD1990 / AD1990ACPZ	AD1990 / AD1990ACPZRL	AD1990 / AD1990ACPZRL7	AD1992 / AD1992ACPZ	AD1992 / AD1992ACPZRL	AD1992 / AD1992ACPZRL7
AD1994 / AD1994ACPZ	AD1994 / AD1994ACPZRL	AD1994 / AD1994ACPZRL7	AD7294 / AD7294BSUZ	AD7294 / AD7294BSUZRL	ADD8754 / ADD8754ACPZ-REEL
ADD8754 / ADD8754ACPZ-REEL7	ADD8754 / ADD8754BACPZ-REEL	ADD8754 / ADD8754BACPZ-REEL7	ADD8754 / ADD8754CACPZ-REEL	ADD8754 / ADD8754CACPZ-REEL7	ADD8754 / ADD8754XCPZ-REEL
ADM2482E / ADM2482EBRWZ	ADM2482E / ADM2482EBRWZ-REEL7	ADM2485 / ADM2485BRWZ	ADM2485 / ADM2485BRWZ-REEL7	ADM2485 / ADM2485BRWZ-U2	ADM2487E / ADM2487EBRWZ
ADM2487E / ADM2487EBRWZ-REEL7	ADP1610 / ADP1610ARMZ-R7	ADP1621 / ADP1621ARMZ-R7	ADP1653 / ADP1653ACPZ-R2	ADP1653 / ADP1653ACPZ-R7	ADP1720 / ADP1720ARMZ-3.3-R7
ADP1720 / ADP1720ARMZ-5-R7	ADP1720 / ADP1720ARMZ-R7	ADP1821 / ADP1821ARQZ-R7	ADP1822 / ADP1822ARQZ-R7	ADP1823 / ADP1823ACPZ-R7	ADP1828 / ADP1828-BL1-EVZ
ADP1828 / ADP1828-BL2-EVZ	ADP1828 / ADP1828YRQZ-R7	ADP1829 / ADP1829ACPZ-R7	ADP3041 / ADP3041ARU-REEL	ADP3041 / ADP3041ARUZ-REEL	

**Added Parts On This Revision - Product Family / Model Number (4)**

ADM2482E / ADM2482EBRWZ	ADM2482E / ADM2482EBRWZ-REEL7	ADM2487E / ADM2487EBRWZ	ADM2487E / ADM2487EBRWZ-REEL7
-------------------------	-------------------------------	-------------------------	-------------------------------

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	21-Dec-2006	Initial Release
Rev. A	28-Feb-2007	Feb 2007: The effectivity date of 8" S6 qualification is being changed to July 2007. ADD8754D ADP1653 and ADP1823 are added to the affected parts list. The 8" version of these devices will also be released in July 2007.
Rev. B	08-Jan-2008	Jan 2008: Additional parts to transfer in 2008: ADP1610 ADP1829 ADP3041.
Rev. C	07-May-2008	May 2008: Additional parts to transfer later in 2008: AD1990 AD1992 AD1994 ADP1821 ADP1822.
Rev. D	10-Feb-2009	Rev D February 2009: Additional 3 generics to transfer to 8" S6 process during 2009
Rev. E	07-Apr-2009	Notification of the remaining 6" S6 devices to transfer to 8" S6 wafer fab at Analog Devices, Limerick, Ireland.
Rev. F	21-Dec-2009	Add ADM2482E and ADM2487E to the list of parts transferring from 6" S6 to the equivalent 8" S6 process

Analog Devices, Inc.

DocId:920 Parent DocId:None Layout Rev:1