



Product/Process Change Notice - PCN 14_0130 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 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.

PCN Title: Notification of Qualification of Alternate fab foundry for RS-485 Transceiver die at ADI, Limerick, Ireland

Publication Date: 28-Apr-2014

Effectivity Date: 27-Jul-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

RS-485 Transceiver die can now be wafer fabricated at either the 6" process at TSMC 2A or at the 8" process at Analog Devices, Limerick, Ireland. Device architecture, schematic and circuit elements are the same at both locations. Die size changed marginally post mask re-layout for ADLK 8fab.

Reason For Change

Enabling alternate wafer fabrication capacity at ADI Limerick site.

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

No impact, alternate site will provide compatible performance in relation to form, fit and function.

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

Lot ID provides traceability to foundry site.

Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_14_0130_Rev_-_TSMC to LK Transfer support slide PCN-13-0105.pdf

Attachment 2: Type: Qualification Report Summary

ADI_PCN_14_0130_Rev_-_Qual Summary Report.pdf

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

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 (32)

ADM1485 / ADM1485ANZ	ADM1485 / ADM1485ARMZ	ADM1485 / ADM1485ARMZ-REEL	ADM1485 / ADM1485ARMZ-REEL7	ADM1485 / ADM1485ARZ
ADM1485 / ADM1485ARZ-REEL	ADM1485 / ADM1485ARZ-REEL7	ADM1485 / ADM1485JNZ	ADM1485 / ADM1485JR-REEL	ADM1485 / ADM1485JRZ
ADM1485 / ADM1485JRZ-REEL	ADM1486 / ADM1486AR	ADM1486 / ADM1486AR-REEL	ADM1486 / ADM1486AR-REEL7	ADM1486 / ADM1486ARZ
ADM1486 / ADM1486ARZ-REEL	ADM1486 / ADM1486ARZ-REEL7	ADM485 / ADM485AN	ADM485 / ADM485ANZ	ADM485 / ADM485AR
ADM485 / ADM485AR-REEL	ADM485 / ADM485ARM-REEL	ADM485 / ADM485ARMZ	ADM485 / ADM485ARMZ-REEL	ADM485 / ADM485ARMZ-REEL7
ADM485 / ADM485ARZ	ADM485 / ADM485ARZ-REEL	ADM485 / ADM485JN	ADM485 / ADM485JNZ	ADM485 / ADM485JRZ
ADM485 / ADM485JRZ-REEL	ADM485 / ADM485JRZ-REEL7			

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	28-Apr-2014	27-Jul-2014	Initial Release

Analog Devices, Inc.

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