



## Product/Process Change Notice - PCN 14\_0129 Rev. A

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:** RS-232 Transceiver products alternate Fabrication foundry at ADI, Limerick, Ireland

**Publication Date:** 26-Sep-2014

**Effectivity Date:** 25-Dec-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Adding ADM237L, ADM238L and ADM241L generic models.

### Description Of Change

RS-232 Transceiver products can now be wafer fabricated at the 8" process at Analog Devices, Limerick, Ireland (ADLK). Device architecture, schematic and circuit elements are identical.

### Reason For Change

ADLK has been qualified to provide a secondary manufacturing location to ensure continuity in service and delivery.

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

This change will have no impact on the product, the 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)*

Analog Devices maintains traceability internally to manufacturing location site via marking on the device.

### 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:** Qualification Results Summary

ADI\_PCN\_14\_0129\_Rev\_A\_Qual Report Summary.pdf

**Attachment 2: Type:** Detailed Change Description

ADI\_PCN\_14\_0129\_Rev\_A\_RS-232 Transceiver Trasfer PCN support slide.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



**Appendix A - Affected ADI Models**

**Existing Parts - Product Family / Model Number (84)**

|                             |                            |                             |                           |                            |
|-----------------------------|----------------------------|-----------------------------|---------------------------|----------------------------|
| ADM208 / ADM208AN           | ADM208 / ADM208ANZ         | ADM208 / ADM208AR           | ADM208 / ADM208AR-REEL    | ADM208 / ADM208ARSZ        |
| ADM208 / ADM208ARSZ-REEL    | ADM208 / ADM208ARZ         | ADM208 / ADM208ARZ-REEL     | ADM208E / AD51/040-0REEL  | ADM208E / AD51/040Z-0REEL  |
| ADM208E / ADM208EAN         | ADM208E / ADM208EANZ       | ADM208E / ADM208EAR         | ADM208E / ADM208EAR-REEL  | ADM208E / ADM208EARS       |
| ADM208E / ADM208EARS-REEL   | ADM208E / ADM208EARSZ      | ADM208E / ADM208EARSZ-REEL  | ADM208E / ADM208EARU      | ADM208E / ADM208EARU-REEL7 |
| ADM208E / ADM208EARUZ       | ADM208E / ADM208EARUZ-REEL | ADM208E / ADM208EARZ        | ADM208E / ADM208EARZ-REEL | ADM211 / ADM211AR          |
| ADM211 / ADM211AR-REEL      | ADM211 / ADM211ARS         | ADM211 / ADM211ARS-REEL     | ADM211 / ADM211ARSZ       | ADM211 / ADM211ARSZ-REEL   |
| ADM211 / ADM211ARZ          | ADM211 / ADM211ARZ-REEL    | ADM211E / AD51/052-0REEL    | ADM211E / AD51/052Z-0REEL | ADM211E / ADM211EAR        |
| ADM211E / ADM211EAR-REEL    | ADM211E / ADM211EARS       | ADM211E / ADM211EARS-2REEL  | ADM211E / ADM211EARS-REEL | ADM211E / ADM211EARSZ      |
| ADM211E / ADM211EARSZ-2REEL | ADM211E / ADM211EARSZ-REEL | ADM211E / ADM211EARU        | ADM211E / ADM211EARU-REEL | ADM211E / ADM211EARU-REEL7 |
| ADM211E / ADM211EARUZ       | ADM211E / ADM211EARUZ-REEL | ADM211E / ADM211EARUZ-REEL7 | ADM211E / ADM211EARZ      | ADM211E / ADM211EARZ-REEL  |
| ADM213 / ADM213AR           | ADM213 / ADM213ARS         | ADM213 / ADM213ARS-REEL     | ADM213 / ADM213ARSZ       | ADM213 / ADM213ARSZ-REEL   |
| ADM213 / ADM213ARZ          | ADM213 / ADM213ARZ-REEL    | ADM213E / AD51/055-0        | ADM213E / AD51/093Z-0REEL | ADM213E / ADM213EAR        |
| ADM213E / ADM213EAR-REEL    | ADM213E / ADM213EARS       | ADM213E / ADM213EARS-REEL   | ADM213E / ADM213EARSZ     | ADM213E / ADM213EARSZ-REEL |
| ADM213E / ADM213EARUZ       | ADM213E / ADM213EARUZ-REEL | ADM213E / ADM213EARUZ-REEL7 | ADM213E / ADM213EARZ      | ADM213E / ADM213EARZ-REEL  |
| ADM560 / ADM560JR           | ADM560 / ADM560JR-REEL     | ADM560 / ADM560JRS          | ADM560 / ADM560JRSZ       | ADM560 / ADM560JRSZ-REEL   |
| ADM560 / ADM560JRZ          | ADM560 / ADM560JRZ-REEL    | ADM561 / ADM561JR           | ADM561 / ADM561JRS        | ADM561 / ADM561JRS-REEL    |
| ADM561 / ADM561JRSZ         | ADM561 / ADM561JRSZ-REEL   | ADM561 / ADM561JRZ          | ADM561 / ADM561JRZ-REEL   |                            |

**Added Parts On This Revision - Product Family / Model Number (25)**

|                           |                           |                            |                            |                           |
|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|
| ADM237L / ADM237LANZ      | ADM237L / ADM237LARZ      | ADM237L / ADM237LARZ-REEL  | ADM237L / ADM237LJNZ       | ADM237L / ADM237LJRZ      |
| ADM237L / ADM237LJRZ-REEL | ADM238L / ADM238LANZ      | ADM238L / ADM238LAQ        | ADM238L / ADM238LAR        | ADM238L / ADM238LARZ      |
| ADM238L / ADM238LARZ-REEL | ADM238L / ADM238LJN       | ADM238L / ADM238LJNZ       | ADM238L / ADM238LJR        | ADM238L / ADM238LJR-REEL  |
| ADM238L / ADM238LJRZ      | ADM238L / ADM238LJRZ-REEL | ADM241L / ADM241LARSZ      | ADM241L / ADM241LARSZ-REEL | ADM241L / ADM241LARZ      |
| ADM241L / ADM241LARZ-REEL | ADM241L / ADM241LJRSZ     | ADM241L / ADM241LJRSZ-REEL | ADM241L / ADM241LJRZ       | ADM241L / ADM241LJRZ-REEL |

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b>                              |
|------------|---------------------|-------------------------|---|
| Rev. -     | 14-Jul-2014         | 12-Oct-2014             | Initial Release                                     |
| Rev. A     | 26-Sep-2014         | 25-Dec-2014             | Adding ADM237L, ADM238L and ADM241L generic models. |

Analog Devices, Inc.

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