



Product/Process Change Notice - PCN 19_0236 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 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.

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

PCN Title: Leadframe Format Change of Select QFP Products in Amkor Philippines

Publication Date: 11-Feb-2020

Effectivity Date: 15-May-2020 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Update Qualification Results Summary.

Description Of Change:

ADI has qualified Amkor's standard leadframe and bill of materials.

-The leadframe format is changing from OMLF to UDLF.

-The mold compound is changing from Sumitomo G700LS to Sumitomo G631HQ.

The package outline dimensions and wire diameter of each product will be maintained. See attachments for details on BOM changes and package appearance differences.

Reason For Change:

End of life of OMLF strip format for 14x14mm LQFP package. G631HQ is the standard mold compound for Amkor UDLF strip format.

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

The change will have no impact on fit, form, function and reliability of the devices.

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

Assembled parts will be identified by assembly lot number.

Summary of Supporting Information:

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

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_19_0236_Rev_A_Qual Results Summary.pdf

Attachment 2: Type: Detailed Change Description

ADI_PCN_19_0236_Rev_A Appearance Change Description.pdf

Attachment 3: Type: Detailed Change Description

ADI_PCN_19_0236_Rev_A_BOM Change Description.pdf

Attachment 4: Type: Delta Qualification Matrix

ADI_PCN_19_0236_Rev_A_Delta Qual_AD9883_rev1_Partial.xlsm

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:

Europe:

Japan:

Rest of Asia:

Appendix A - Affected ADI Models**Existing Parts - Product Family / Model Number (12)**

| | | | | |
|----------------------------|------------------------------|-----------------------------|---------------------------|---------------------------|
| AD9883 / AD80147BSTZRL-110 | AD9883 / AD80194KSTZ-110 | AD9883 / AD80194KSTZ-140 | AD9883 / AD9883ABSTZ-110 | AD9883 / AD9883ABSTZ-140 |
| AD9883 / AD9883AKSTZ-110 | AD9883 / AD9883AKSTZ-140 | AD9985A / AD80165BSTZRL-110 | AD9985A / AD9985ABSTZ-110 | AD9985A / AD9985AKSTZ-110 |
| AD9985A / AD9985AKSTZ-140 | AD9985A / ADW10000BSTZRL-110 | | | |

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|---------------------------------------|
| Rev. - | 23-Oct-2019 | 25-Jan-2020 | Initial Release. |
| Rev. A | 11-Feb-2020 | 15-May-2020 | Update Qualification Results Summary. |

Analog Devices, Inc.

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