



Product/Process Change Notice - PCN 23_0138 Rev. -

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

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:	ADBMS6815/ADBMS6817 Die Revision and Copper Wire Change
Publication Date:	27-Jul-2023
Effectivity Date:	29-Oct-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

- (1) Modified die to reduce hot plug performance sensitivity.
- (2) Conversion of bond wire material from gold to copper.

Reason For Change:

- (1) The change is required to reduce the product hot plug performance sensitivity.
- (2) Manufacturing standardization. The conversion of copper wire aligns with industry trends and ADI's current and future alignment with copper wire. Note: Supplier has been manufacturing copper wire products for ADI in mass production for several years.

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

Improved Hot Plug performance. Otherwise, no change to fit, form, function or reliability.

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

Changed material will be identified by date code.

Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

[ADI_PCN_23_0138_Rev - Qualification Report ADBMS6815_ADBMS6817.pdf...](#)

Attachment 2: Type: Qualification Results Summary

[ADI_PCN_23_0138_Rev - Qualification Report Cu Wire.pdf...](#)

Attachment 3: Type: Delta Qualification Matrix

[ADI_PCN_23_0138_Rev - Delta Qualification-Matrix-ZVEI-5_0_14.xlsm...](#)

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

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:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (10)

ADBMS6815 / ADBMS6815CSWZ ADBMS6815 / ADBMS6815CSWZ-RL ADBMS6815 / ADBMS6815WCSWZ ADBMS6815 / ADBMS6815WCSWZ-RL ADBMS6815 / ADBMS6815WFSCSWZ
ADBMS6815 / ADBMS6815WFSCSWZ-RL ADBMS6817 / ADBMS6817WCSWZ ADBMS6817 / ADBMS6817WCSWZ-RL ADBMS6817 / ADBMS6817WFSCSWZ ADBMS6817 / ADBMS6817WFSCSWZ-RL

Appendix B - Revision History:			
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	27-Jul-2023	29-Oct-2023	Initial Release.