



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

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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.

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

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Rest of Asia:</b>
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.