



## Product/Process Change Notice - PCN 23\_0271 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.

<b>PCN Title:</b>	ADBMS6815M/ADBMS6817M Die Revision and Copper Wire Change
<b>Publication Date:</b>	19-Jan-2024
<b>Effectivity Date:</b>	22-Apr-2024 <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.

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:

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

### 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\\_0271\\_Rev\\_-\\_Qualification\\_Report\\_ADBMS6815M.ADBMS6815M\\_DieRe...](#)

**Attachment 2: Type:** Delta Qualification Matrix

[ADI\\_PCN\\_23\\_0271\\_Rev\\_-\\_DeltaQualificationMatrix-ZVEI-5\\_0\\_16.xlsm...](#)

**Attachment 3: Type:** Qualification Results Summary

[ADI\\_PCN\\_23\\_0271\\_Rev\\_-\\_Qualification\\_Report\\_Cu\\_Wire.pdf...](#)

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:
<a href="mailto:PCN_Americas@analog.com">PCN_Americas@analog.com</a>	<a href="mailto:PCN_Europe@analog.com">PCN_Europe@analog.com</a>	<a href="mailto:PCN_Japan@analog.com">PCN_Japan@analog.com</a>	<a href="mailto:PCN_ROA@analog.com">PCN_ROA@analog.com</a>

**Appendix A - Affected ADI Models:**

**Added Parts On This Revision - Product Family / Model Number (4)**

ADBMS6815M / ADBMS6815MWCCSZ    ADBMS6815M / ADBMS6815MWCCSZ-RL    ADBMS6817M / ADBMS6817MWCCSZ    ADBMS6817M / ADBMS6817MWCCSZ-RL

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	19-Jan-2024	22-Apr-2024	Initial Release.