



## Product/Process Change Notice - PCN 23\_0114 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>            | AD9704/AD9705/AD9706/AD9707 Data Sheet Revision                                                 |
| <b>Publication Date:</b>     | 13-Sep-2023                                                                                     |
| <b>Effectivity Date:</b>     | 13-Sep-2023 <i>(the earliest date that a customer could expect to receive changed material)</i> |
| <b>Revision Description:</b> | Initial Release.                                                                                |

### Description Of Change:

Data Sheet Changes-Update the Absolute Maximum Ratings table (Table 7):

1. Change parameter "SLEEP to DCOM" to "SLEEP, CMODE, MODE, RESET to ACOM".
2. Change parameter "Digital Inputs, MODE to DCOM" to "DBn (MSB) to DB0 (LSB) to DCOM".
3. Change parameter "CLK+, CLK-, CMODE to CLKCOM" to "CLK+, CLK- to CLKCOM".
4. Update rating of "SLEEP, CMODE, MODE, RESET to ACOM" from "-0.3V to DVDD + 0.3V" to "-0.3V to AVDD + 0.3V".

### Reason For Change:

This change is to accurately reflect product performance for AD970x family of parts only. There has been no alterations to product.

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

This data sheet specification change will have no impact on the form, fit, function, quality or reliability of the device. This is a document change only.

### Summary of Supporting Information:

Changes are reflected in Product Data Sheet revision G.

### Supporting Documents

**Attachment 1: Type:** Revised Datasheet Specification

[ADI\\_PCN\\_23\\_0114\\_Rev\\_-\\_Data\\_Sheet\\_AD9704\\_9705\\_9706\\_9707.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.

| <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 (8)

AD9704 / AD9704BCPZ

AD9704 / AD9704BCPZRL7

AD9705 / AD9705BCPZ

AD9705 / AD9705BCPZRL7

AD9706 / AD9706BCPZ

AD9706 / AD9706BCPZRL7

AD9707 / AD9707BCPZ

AD9707 / AD9707BCPZRL7

| Appendix B - Revision History: |              |                  |                  |
|--------------------------------|--------------|------------------|------------------|
| Rev                            | Publish Date | Effectivity Date | Rev Description  |
| Rev. -                         | 13-Sep-2023  | 13-Sep-2023      | Initial Release. |