



## Product/Process Change Notice - PCN 22\_0051 Rev. A

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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.

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

|                              |   |
|------------------------------|---|
| <b>PCN Title:</b>            | ADG5208F Family Die Revision  |
| <b>Publication Date:</b>     | 02-Dec-2022   |
| <b>Effectivity Date:</b>     | 24-Jun-2022 <i>(the earliest date that a customer could expect to receive changed material)</i> |
| <b>Revision Description:</b> | Revision to remove ADG5248F and ADG5249F generics from this PCN.                                |

### Description Of Change:

Metal 2 edit to remove some circuits that are causing yield loss.  
Generics are covered by this change ADG5208F, ADG5209F, ADG5243F

ESD ratings for all 3 generics have been affected, see attachments for qual results summary.

The ADG5243F 20 Volt dual supply datasheet Specification for "Drain off leakage with overvoltage" has been affected, See attachments for full change details.

The following generics packages are moving assembly site: ADG5208F (TSSOP), ADG5209F(TSSOP), ADG5243F(TSSOP)

### Reason For Change:

Metal edit is to improve the overall Yield of the device in fab.

Assembly site change to align with global operations mapping requirements.

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

There is no change to fit, form, function & reliability.  
ESD & Leakage Specifications will change as outlined in attachments.

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

Changeover Date Codes for all the affected generics will be advised in a later revision of this PCN.  
The ADG5243F specification changes will be outlined in Rev B of the ADG5243F datasheet.

### Summary of Supporting Information:

ESD & Leakage Specifications will change as outlined in attachments.

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison

[ADI\\_PCN\\_22\\_0051\\_Rev\\_A\\_ADG5243F\\_Datasheet\\_PCN\\_comparison.pdf...](#)

**Attachment 2: Type:** Detailed Change Description

[ADI\\_PCN\\_22\\_0051\\_Rev\\_A\\_ESD\\_Results\\_Summary.pdf...](#)

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

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**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:

### Existing Parts - Product Family / Model Number (9)

|                             |                             |                             |                             |                         |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|
| ADG5208F / ADG5208FBCPZ-RL7 | ADG5208F / ADG5208FBRUZ     | ADG5208F / ADG5208FBRUZ-RL7 | ADG5209F / ADG5209FBCPZ-RL7 | ADG5209F / ADG5209FBRUZ |
| ADG5209F / ADG5209FBRUZ-RL7 | ADG5243F / ADG5243FBCPZ-RL7 | ADG5243F / ADG5243FBRUZ     | ADG5243F / ADG5243FBRUZ-RL7 |                         |

### Removed Parts On All Revisions - Product Family / Model Number (6):

|                             |                         |                             |                             |                         |
|-----------------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|
| ADG5248F / ADG5248FBCPZ-RL7 | ADG5248F / ADG5248FBRUZ | ADG5248F / ADG5248FBRUZ-RL7 | ADG5249F / ADG5249FBCPZ-RL7 | ADG5249F / ADG5249FBRUZ |
| ADG5249F / ADG5249FBRUZ-RL7 |                         |                             |                             |                         |

**Appendix B - Revision History:**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b>   |
|------------|---------------------|-------------------------|--|
| Rev. -     | 22-Mar-2022         | 24-Jun-2022             | Initial Release  |
| Rev. A     | 02-Dec-2022         | 24-Jun-2022             | Revision to remove ADG5248F and ADG5249F generics from this PCN. |