

## Product Discontinuance Notice - PDN 20\_0067 Rev. -

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This notice is to inform you of a product discontinuance for certain ADI products (see Discontinued Parts Material List below). Any issues with this PDN must be sent to ADI as soon as possible. The information contained within this PDN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

**PDN Title:** 

Obsolescence of LTC2941-1, LTC2942-1 and LTC2943-1 products

Publication Date:29-Oct-2020Last Time Buy Date:29-Oct-2021Last Time Ship Date:29-Oct-2022

**Revision Description:** 

Initial Release

Reason For Discontinuance
Loss of Manufacturing Capability

Supporting Documents None

|           | For questions on this PDN, send email to the regional contacts below or contact your local ADI sales representitive |         |                       |                         |  |
|-----------|---|---------|-----------------------|-------------------------|--|
| Americas: | PDN_Americas@analog.com   | Europe: | PDN_Europe@analog.com | Japan:<br>Rest of Asia: | PDN_Japan@analog.com<br>PDN_ROA@analog.com |

| PDN 20_0067 Discontinued Parts Material List |                |                    |                          |  |
|--|----------------|--------------------|--------------------------|--|
| Model  | Product Family | Replacement Part   | Pin To Pin<br>Compatible | Comments   |
| DC1496C-C                                    | LTC2941-1      | DC1496B-A          | No                       | 100mOhm resistor needs to be replaced with a 50mOhm resistor   |
| DC1496C-D                                    | LTC2942-1      | DC1496C-B          | No                       | 100mOhm resistor needs to be replaced with a 50mOhm resistor   |
| DC1812A-C                                    | LTC2943-1      | DC1812A-A          | No                       | 100mOhm resistor needs to be replaced with a 50mOhm resistor   |
| LTC2941CDCB-1#PBF                            | LTC2941-1      | LTC2941CDCB#TRPBF  | No                       | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2941CDCB-1#TRMPBF                         | LTC2941-1      | LTC2941CDCB#TRMPBF | No                       | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2941CDCB-1#TRPBF                          | LTC2941-1      | LTC2941CDCB#TRPBF  | No                       | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2941IDCB-1#PBF                            | LTC2941-1      | LTC2941IDCB#TRMPBF | No                       | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the  |

|                      |           |                    |    | resistor should have 1% tolerance and 50ppm/K tempco, or better.   |
|----------------------|-----------|--------------------|----|--|
| LTC2941IDCB-1#TRMPBF | LTC2941-1 | LTC2941IDCB#TRPBF  | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2941IDCB-1#TRPBF  | LTC2941-1 | LTC2941IDCB#TRPBF  | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2942CDCB-1#PBF    | LTC2942-1 | LTC2942CDCB#TRPBF  | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2942CDCB-1#TRMPBF | LTC2942-1 | LTC2942CDCB#TRMPBF | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
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| LTC2942IDCB-1#TRPBF  | LTC2942-1 | LTC2942IDCB#TRPBF  | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2943CDD-1#PBF     | LTC2943-1 | LTC2943CDD#PBF     | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2943CDD-1#TRPBF   | LTC2943-1 | LTC2943CDD#TRPBF   | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE– pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2943IDD-1#PBF     | LTC2943-1 | LTC2943IDD#PBF     | No | Replacement part requires the addition of an external 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better. |
| LTC2943IDD-1#TRPBF   | LTC2943-1 | LTC2943IDD#TRPBF   | No | Replacement part requires the addition of an external  |

|  | 50m? resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, resistor should have 1% tolerance and 50ppm/K tempco, or better. | the |
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| Appendix A - PDN 20_0067 Revision History |              |                 |  |  |
|---|--------------|-----------------|--|--|
| Rev                                       | Publish Date | Rev Description |  |  |
| Rev                                       | 29-Oct-2020  | Initial Release |  |  |

Analog Devices, Inc. Proprietary Information

Docld:1557 Layout Rev:3 Parent Docld:None