



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-2020

Last Time Buy Date: 29-Oct-2021

Last 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 representative

Americas: PDN_Americas@analog.com

Europe: PDN_Europe@analog.com

Japan: PDN_Japan@analog.com

Rest of Asia: PDN_ROA@analog.com

PDN 20_0067 Discontinued Parts Material List

Model	Product Family	Replacement Part	Pin To Pin 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 Ω 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 Ω 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 Ω 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 Ω 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 Ω 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 Ω 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 Ω 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 Ω 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#TRPBF	LTC2942-1	LTC2942CDCB#TRPBF	No	Replacement part requires the addition of an external 50m Ω resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better.
LTC2942IDCB-1#PBF	LTC2942-1	LTC2942IDCB#TRMPBF	No	Replacement part requires the addition of an external 50m Ω resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better.
LTC2942IDCB-1#TRMPBF	LTC2942-1	LTC2942IDCB#TRMPBF	No	Replacement part requires the addition of an external 50m Ω resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better.
LTC2942IDCB-1#TRPBF	LTC2942-1	LTC2942IDCB#TRPBF	No	Replacement part requires the addition of an external 50m Ω 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 Ω 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 Ω 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 Ω 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 Ω resistor placed between the SENSE+ and SENSE- pins. To achieve equivalent performance, the resistor should have 1% tolerance and 50ppm/K tempco, or better.

Appendix A - PDN 20_0067 Revision History

Rev	Publish Date	Rev Description
Rev. -	29-Oct-2020	Initial Release

Analog Devices, Inc. Proprietary Information

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