

Conv DC-DC 2.45V to 16V Inv Single-Out -34V 2A 5-Pin TSOT-23 T/R

Manufacturers	Analog Devices, Inc
Package/Case	SOT23-5
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT1931ES5#TRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LT1931/LT1931A operate in a dual inductor inverting topology that filters both the input side and output side current. Very low output voltage ripple approaching 1mVP-P can be achieved when ceramic output capacitors are used. Fixed frequency switching ensures a clean output free from low frequency noise typically present with charge pump solutions. The low impedance output remains within 1% of nominal during large load steps. The 36V switch allows VIN to VOUT differential of up to 34V.

The LT1931/LT1931A are available in the 5-lead ThinSOT package.

Features

Fixed Frequency 1.2MHz/2.2MHz Operation

Very Low Noise: 1mVP-P Output Ripple

Uses Small Surface Mount Components

Wide Input Range: 2.6V to 16V

Low Shutdown Current: <1μA

Low VCESAT Switch: 400mV at 1A

Pin-for-Pin Compatible with the LT1611

Low Profile (1mm) ThinSOT™ Package

Application

Disk Drive MR Head Bias

Digital Camera CCD Bias

LCD Bias

GaAs FET Bias

Local Low Noise/Low Impedance Negative Supply



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTC2990IMS#PBF](#)

Analog Devices, Inc
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[LTM8045EY#PBF](#)

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BGA40



[LT4295IUFD#PBF](#)

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28-WFQFN