

Boost Converter, Boost Converter 27mA Adjustable, Selectable 40, 50 kHz 8-Pin, DFN

Manufacturers	Analog Devices, Inc
Package/Case	DFN8
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT3494EDDB#TRMPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LT3494/LT3494A are low noise boost converters with integrated power switch, Schottky diode and output disconnect circuitry. The parts use a novel* control technique resulting in low output voltage ripple as well as high efficiency over a wide load current range. This technique guarantees that the switching frequency stays above the audio band for the entire load range. The parts feature a high performance NPN power switch with a 350mA and 180mA current limit for the LT3494A and LT3494 respectively. The quiescent current is a low 65 μ A, which is further reduced to less than 1 μ A in shutdown. The internal disconnect circuitry allows the output voltage to be isolated from the input during shutdown. An auxiliary reference input (CTRL pin) overrides the internal 1.225V feedback reference with any lower value allowing full control of the output voltage during operation. The LT3494/LT3494A are available in a tiny 8-lead 3mm \times 2mm DFN package.

Features

Low Quiescent Current

Switching Frequency is Non-Audible Over Entire Load Range

Integrated Power NPN:

Integrated Schottky Diode

Integrated Output Disconnect

Integrated Output Dimming

Wide Input Range: 2.3V to 16V

Wide Output Range: Up to 40V

Tiny 8-Lead 3mm × 2mm DFN Package

Application

OLED Power

Low Noise Power

MP3 Players



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



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MSOP-8P



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[LTM8045EY#PBF](#)

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BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN