

Conv DC-DC 2.8V to 17.5V Single-Out 2.8V 1.65A 16-Pin TSSOP EP Tube

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP-16
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT3439EFE#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT3439 is a push-pull DC/DC transformer driver that reduces conducted and radiated electromagnetic interference (EMI). Ultralow noise and EMI are achieved by controlling the output switch voltage and current slew rates. Slew rates are user adjustable to optimize output noise versus efficiency. The LT3439 can reduce high frequency harmonic content by as much as 40dB with only a minor decrease in efficiency.

The LT3439 includes two 1A current limited power switches to ensure start-up under heavy loads. It also includes an oscillator that can be synchronized to an external clock for more accurate placement of switcher harmonics. Protection features include current limiting, undervoltage lockout, thermal shutdown and cross conduction prevention circuitry.

The LT3439 is available in a thermally enhanced 16-pin TSSOP with an exposed backside.

## Features

Reduced Conducted and Radiated EMI

Single Resistor Control of Output Switch Voltage and Current Slew Rates

Cross Conduction Prevention Circuitry

Two 1A Current Limited Power Switches

Low Minimum Supply Voltage: 2.8V

Low Shutdown Current: <20 $\mu$ A

50% Duty Cycle

20kHz to 250kHz Oscillator Frequency

Synchronizable to 300kHz

Overcurrent and Overtemperature Protected

## Application

Low Noise Isolated Supplies

Radio and Telecom Supplies

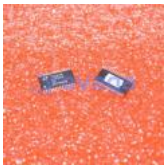
Distributed Supplies

Medical Instruments

Precision Instruments

Low Noise Filament Supplies

## Related Products



### [LT3763EFE](#)

Analog Devices, Inc  
TSSOP28



### [LTC4417IUF](#)

Analog Devices, Inc  
QFN-24



### [LTC1966CMS8#PBF](#)

Analog Devices, Inc  
MSOP-8P



### [LTM8045EY#PBF](#)

Analog Devices, Inc  
BGA40



### [LT1038CK](#)

Analog Devices, Inc  
TO-3



### [LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



### [LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



### [LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN