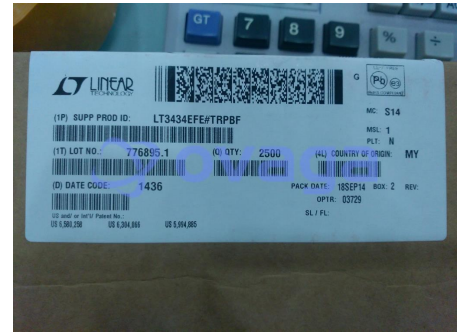


High Voltage 3A, 200kHz Step-Down Switching Regulator with 100uA Quiescent Current

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT3434EFE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT3434EFE is an integrated circuit (IC) voltage regulator designed and manufactured by Analog Devices Inc. It is a high-efficiency, low-noise, 1.5A step-down switching regulator that can operate over a wide input voltage range from 4.5V to 36V. It is commonly used in various applications, including industrial, automotive, and telecommunications.

Features

- Wide input voltage range: 4.5V to 36V
- Maximum output current: 1.5A
- Efficiency up to 92%
- Low dropout voltage: 400mV
- Adjustable output voltage range: 0.6V to 33V
- Fixed switching frequency: 1.2MHz
- Thermal shutdown and current limit protection
- Low noise and ripple voltage

Application

- Automotive systems
- Industrial control systems
- Telecommunications equipment
- Battery-powered devices
- Point-of-load power supplies
- Distributed power systems
- Portable instruments



(1P) SUPP PROD ID: LT3434EFE#TRPBF



MC: S14

MSL: 1

PLT: N

(1T) LOT NO.: 776895.1

(Q) QTY: 2500

(4L) COUNTRY OF ORIGIN: MY



(D) DATE CODE: 1436

PACK DATE: 18SEP14 BOX: 2 REV:



OPTR: 03729

SL / FL:

US and/ or Int'l Patent No.:

US 6,580,258

US 6,304,066

US 5,994,885



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764EQ](#)

Analog Devices, Inc
TO-263