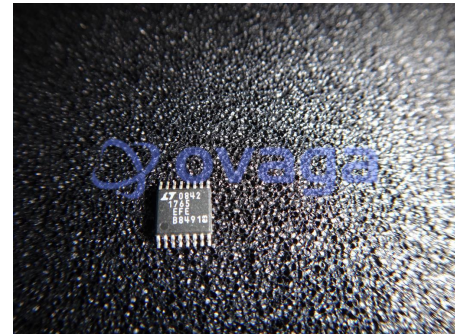


Step-Down Switching Regulators

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1765EFE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1765EFE is a voltage regulator IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices). It is a low dropout (LDO) linear regulator designed to provide a stable, adjustable output voltage from a wide input voltage range.

Features

- Input voltage range: 2.5V to 20V
- Adjustable output voltage range: 1.21V to 16V
- Maximum output current: 3A
- Dropout voltage: 300mV at 3A
- Low quiescent current: 70 μ A
- Thermal shutdown and current limiting protection

Application

- Battery-powered devices
- Portable instrumentation
- Automotive electronics
- Industrial control systems
- Point-of-load regulators
- Post-regulation for switching power supplies



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