

3A, Fast Transient Response, Low Noise, LDO Regulators; Package: TSSOP; No of Pins: 16; Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP1
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1764AEFE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

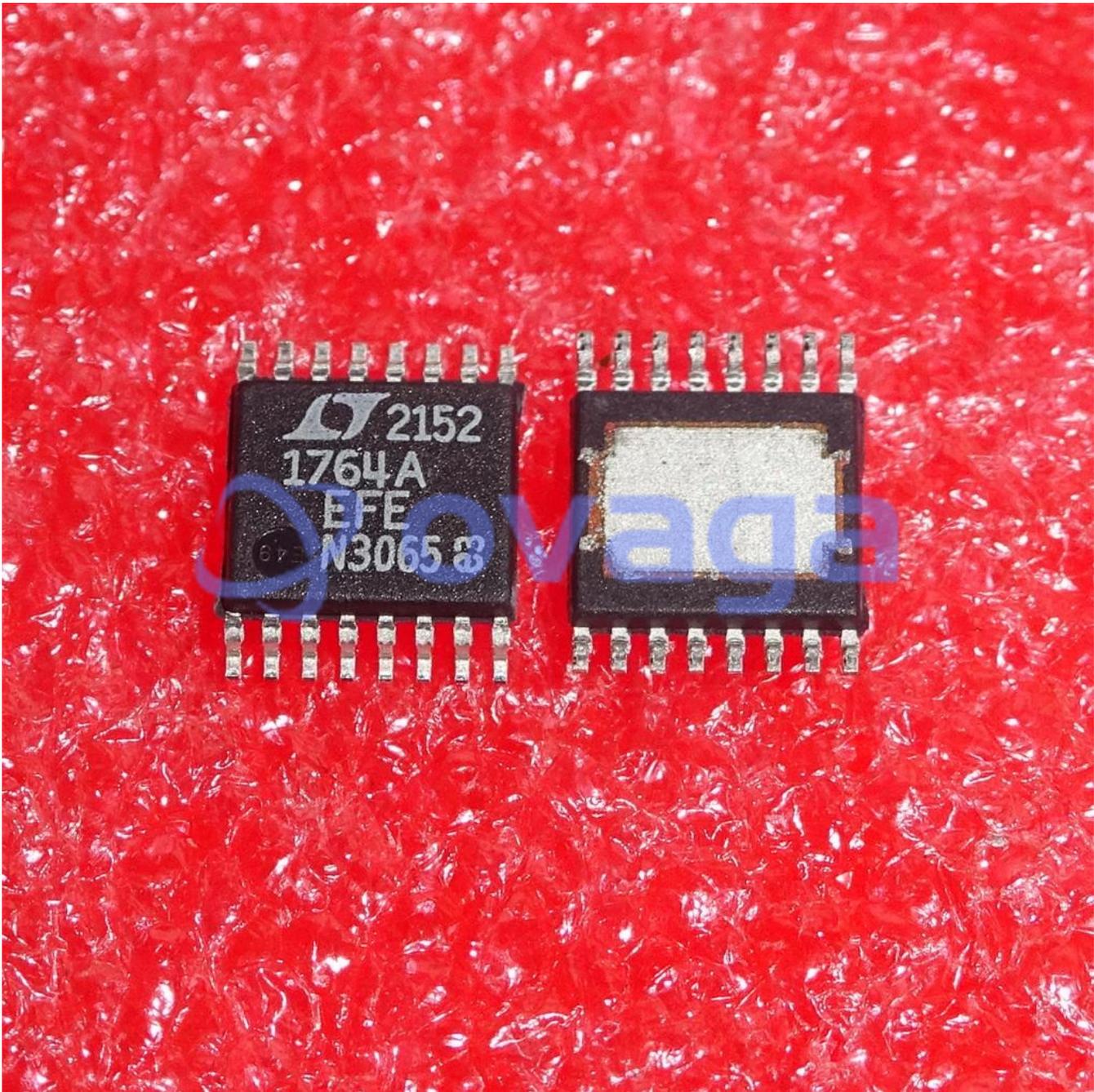
LT1764AEFE is a low dropout linear regulator (LDO) IC (integrated circuit) designed and manufactured by Analog Devices Inc. It is a high-performance regulator capable of supplying up to 3A of output current with a dropout voltage of only 340mV (typical) at full load.

Features

- Wide input voltage range: 1.8V to 20V
- Low dropout voltage: 340mV (typical) at full load
- High output accuracy: $\pm 1\%$ over line, load, and temperature
- Low noise: 20 μ VRMS (10Hz to 100kHz)
- Current limit and thermal shutdown protection
- Adjustable output voltage range: 0.8V to 15V

Application

- Battery-powered devices
- Portable instruments
- Automotive electronics
- Industrial equipment
- Medical instruments
- High-performance audio systems



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764EQ](#)

Analog Devices, Inc
TO-263



[LTC4415EMSE](#)

Analog Devices, Inc
MSOP16