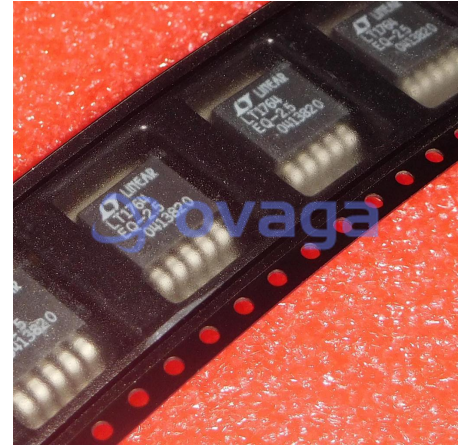


3A, Fast Transient Response, Low Noise, LDO Regulators

Manufacturers	Analog Devices, Inc
Package/Case	TO-263
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1764EQ-2.5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

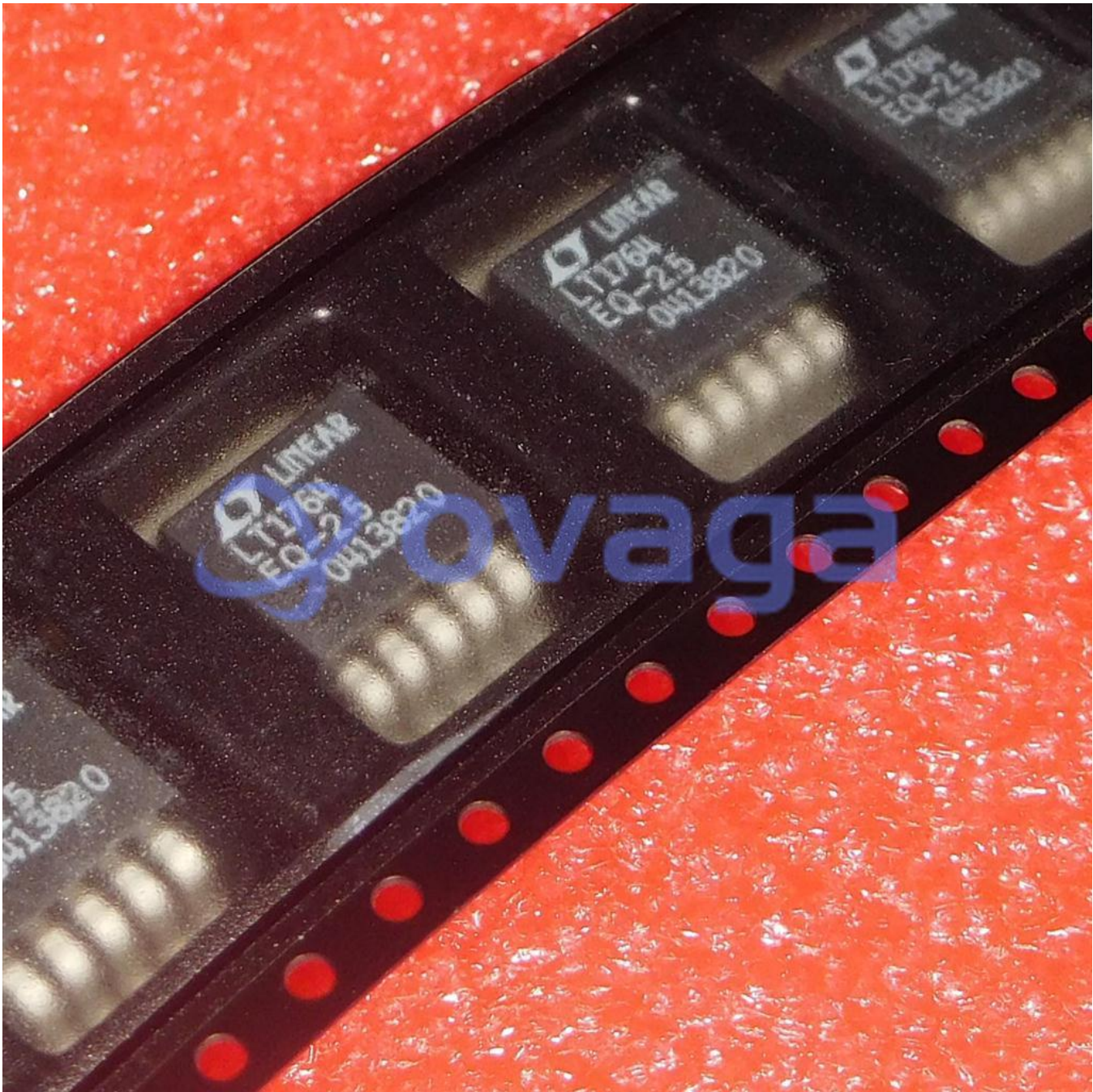
LT1764EQ-2.5 is a low dropout voltage regulator IC manufactured by Linear Technology, now part of Analog Devices. It is a member of the LT1764 series of voltage regulators and is designed to provide a fixed output voltage of 2.5 volts with a maximum output current of 3 amps.

Features

- Low dropout voltage: typically 300mV at full load
- Low quiescent current: typically 50µA
- Wide input voltage range: 2.5V to 20V
- Stable with ceramic capacitors
- Overcurrent and overtemperature protection
- Adjustable output voltage with external resistors

Application

- Powering microcontrollers, DSPs, and other digital ICs
- Battery-powered devices
- Portable instruments
- Audio and video equipment
- Automotive electronics
- Distributed power systems



Related Products



[LT1129CST-5](#)

Analog Devices, Inc
SOT223



[LT1716HS5](#)

Analog Devices, Inc
SOT23-5



[LT1716HS5#PBF](#)

Analog Devices, Inc
SOT-23



[LT1587CM](#)

Analog Devices, Inc
SOT263-3



[LT1381CS](#)

Analog Devices, Inc
SOP-16



[LTC3560ES6](#)

Analog Devices, Inc
SOT23



[LTC4440ES6](#)

Analog Devices, Inc
SOT23-6



[LT1185CT](#)

Analog Devices, Inc
TO-220