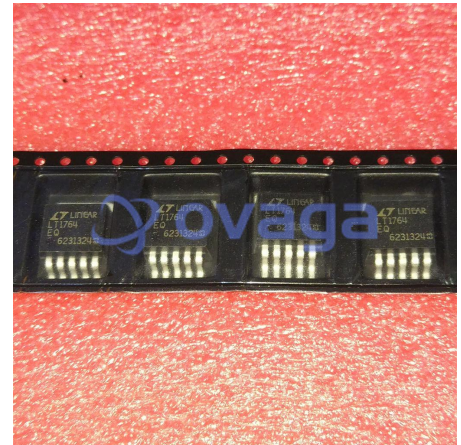


LDO Voltage Regulators LT1764 - 3A, Fast Transient Response, Low Noise, LDO Regulators

Manufacturers	Analog Devices, Inc
Package/Case	TO-263
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

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

[RFQ](#)

General Description

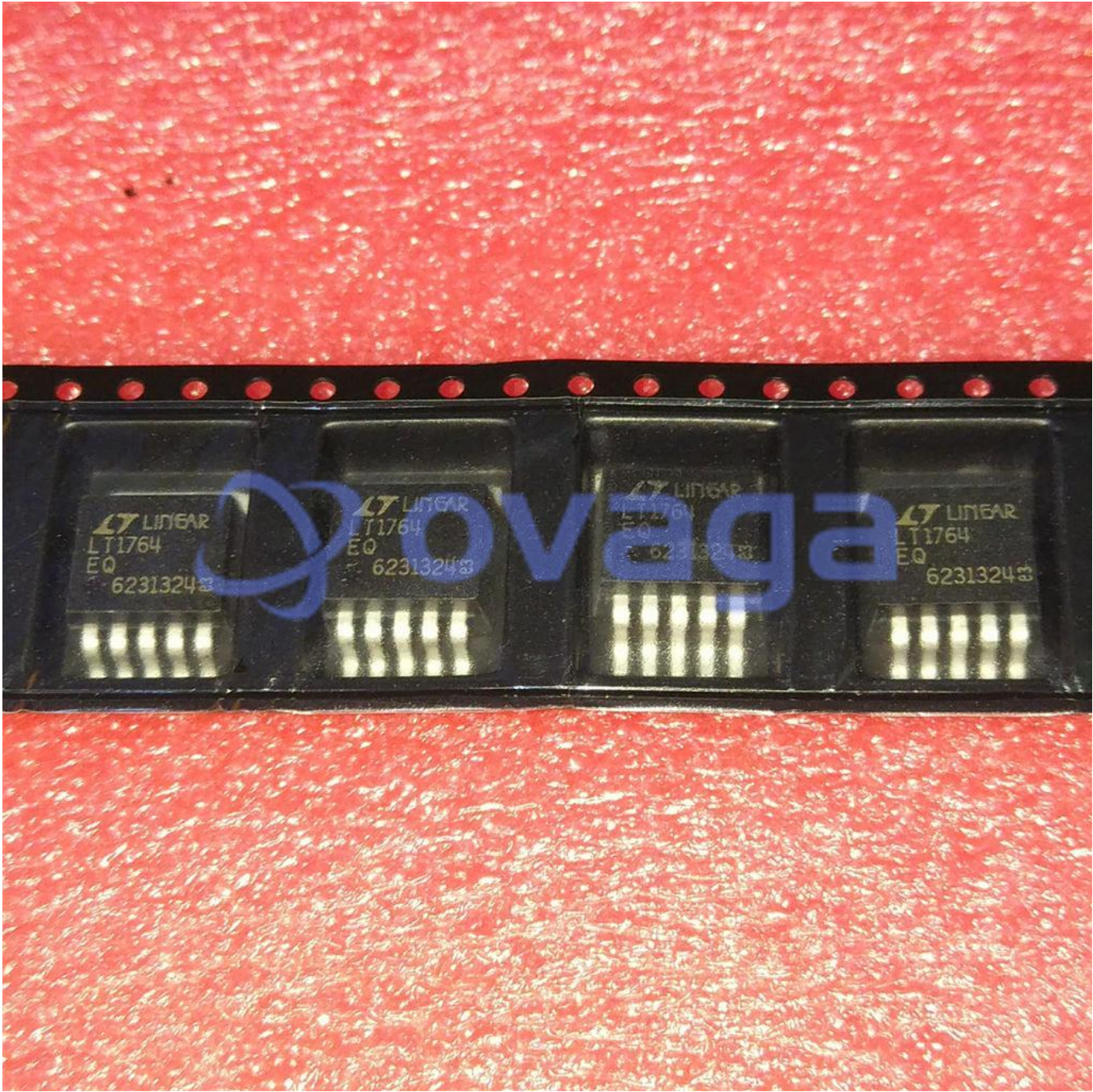
LT1764EQ is a voltage regulator IC (integrated circuit) manufactured by Analog Devices Inc. It is a low dropout (LDO) linear regulator that can regulate an input voltage down to a lower output voltage with a very low dropout voltage.

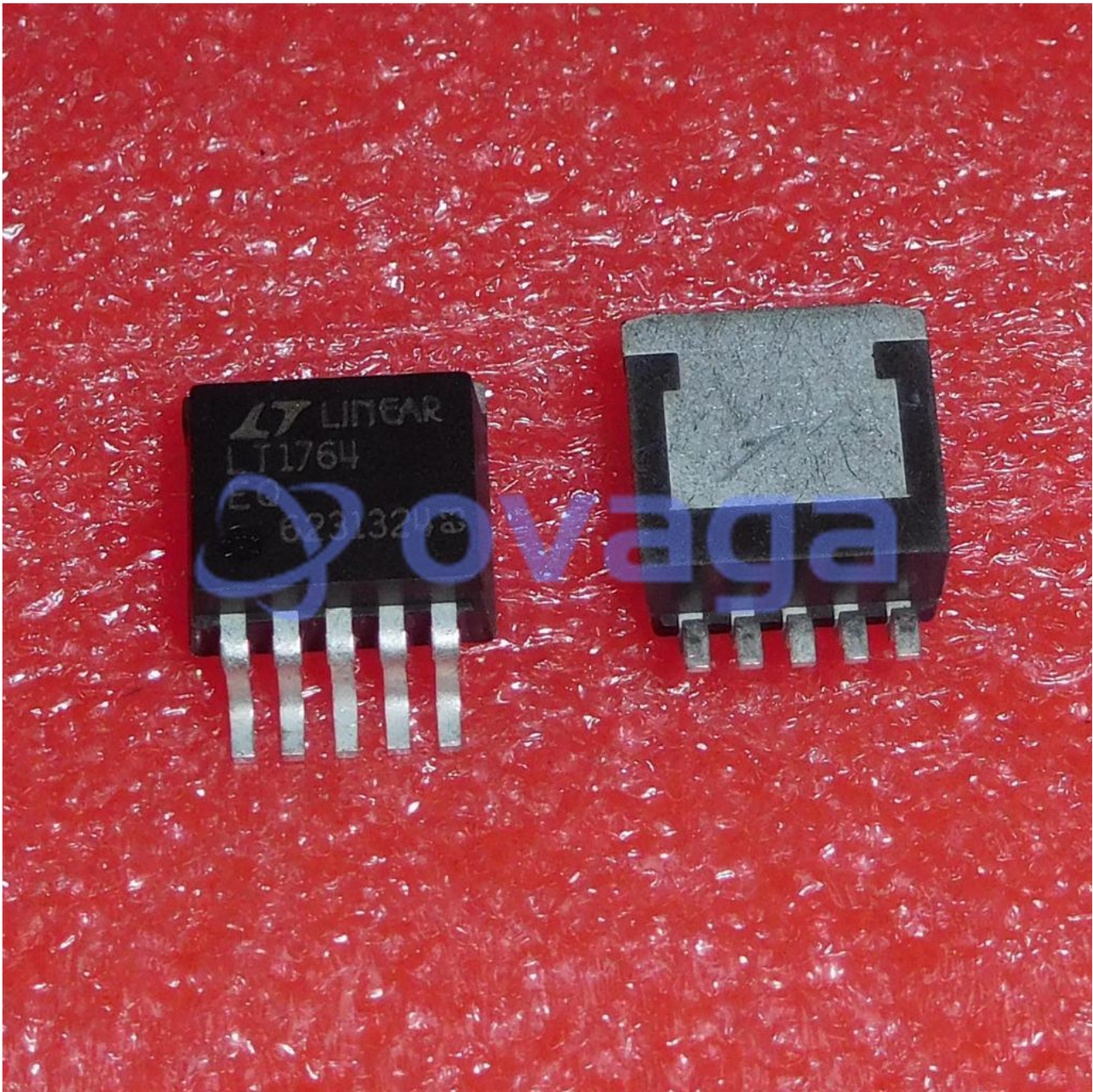
Features

- Input voltage range: 1.8V to 20V
- Output voltage range: 1.21V to 16.5V
- Maximum output current: 3A
- Dropout voltage: 340mV at 3A load
- Low output noise: 40 μ VRMS (10Hz to 100kHz)
- Adjustable output voltage through an external resistor divider
- Thermal shutdown and current limit protection

Application

- Portable and battery-powered devices
- Automotive electronics
- Post-regulation for switching power supplies
- Industrial control systems
- Test and measurement equipment





Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



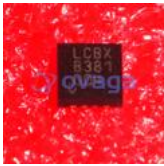
[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LTC4415EMSE](#)

Analog Devices, Inc
MSOP16