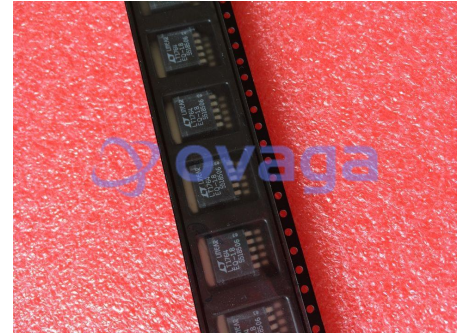


LDO Regulator Pos 1.8V 3A Automotive 6-Pin(5+Tab) DDPAK

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TO-263
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1764EQ-1.8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1764EQ-1.8 is a low dropout voltage regulator (LDO) manufactured by Analog Devices Inc.

### Features

It has a fixed output voltage of 1.8V

It has a low dropout voltage of 300mV at full load

It has a maximum input voltage rating of 20V

It has a maximum output current rating of 3A

It has a wide operating temperature range of -40°C to 125°C

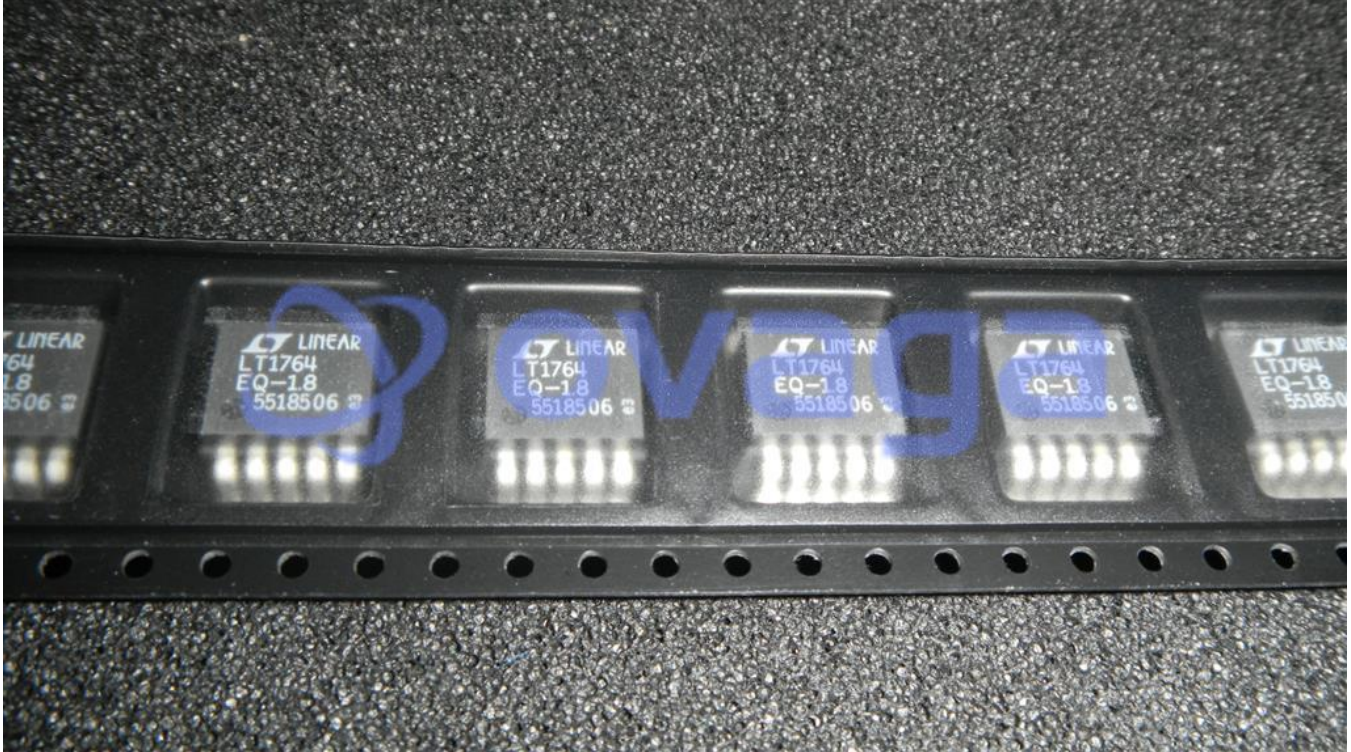
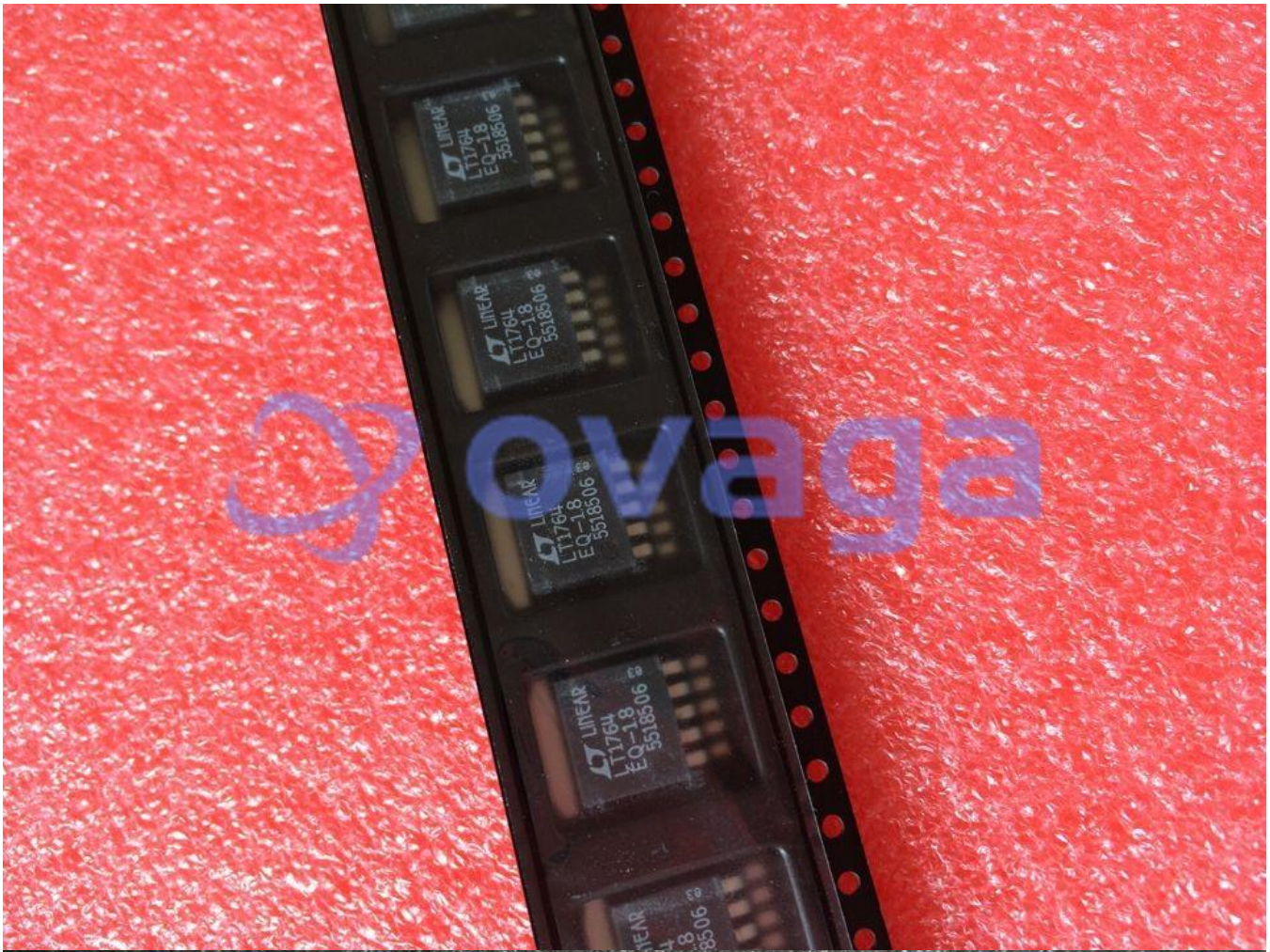
It has short-circuit and thermal protection features

### Application

It is commonly used in electronic circuits to provide a stable and regulated 1.8V supply voltage for microprocessors, microcontrollers, and other digital ICs.

It is used in battery-powered applications where a low dropout voltage regulator is required to maximize battery life.

It is used in automotive and industrial applications where a wide operating temperature range and high reliability are required.



## Related Products



[LT3015EQ](#)

Analog Devices, Inc  
TO-263



[LTC2990IMS](#)

Analog Devices, Inc  
MSOP-10



[LTC4357HMS8](#)

Analog Devices, Inc  
MSOP-8



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc  
TSOT23



[LT5560EDD](#)

Analog Devices, Inc  
QFN-8



[LT1963AES8](#)

Analog Devices, Inc  
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc  
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc  
TO-263