

## 1.5A, Low Noise, Fast Transient Response LDO Regulators

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT223
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1963AEST-1.8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1963AEST-1.8 is a linear voltage regulator IC (integrated circuit) produced by Analog Devices Inc. It is a low-dropout (LDO) regulator with a fixed output voltage of 1.8V, meaning it maintains a constant output voltage even when the input voltage changes.

### Features

Maximum input voltage of 20V

Maximum output current of 1.5A

Low dropout voltage of 300mV at full load

Built-in thermal shutdown and current limiting protection features

Small size and low noise output

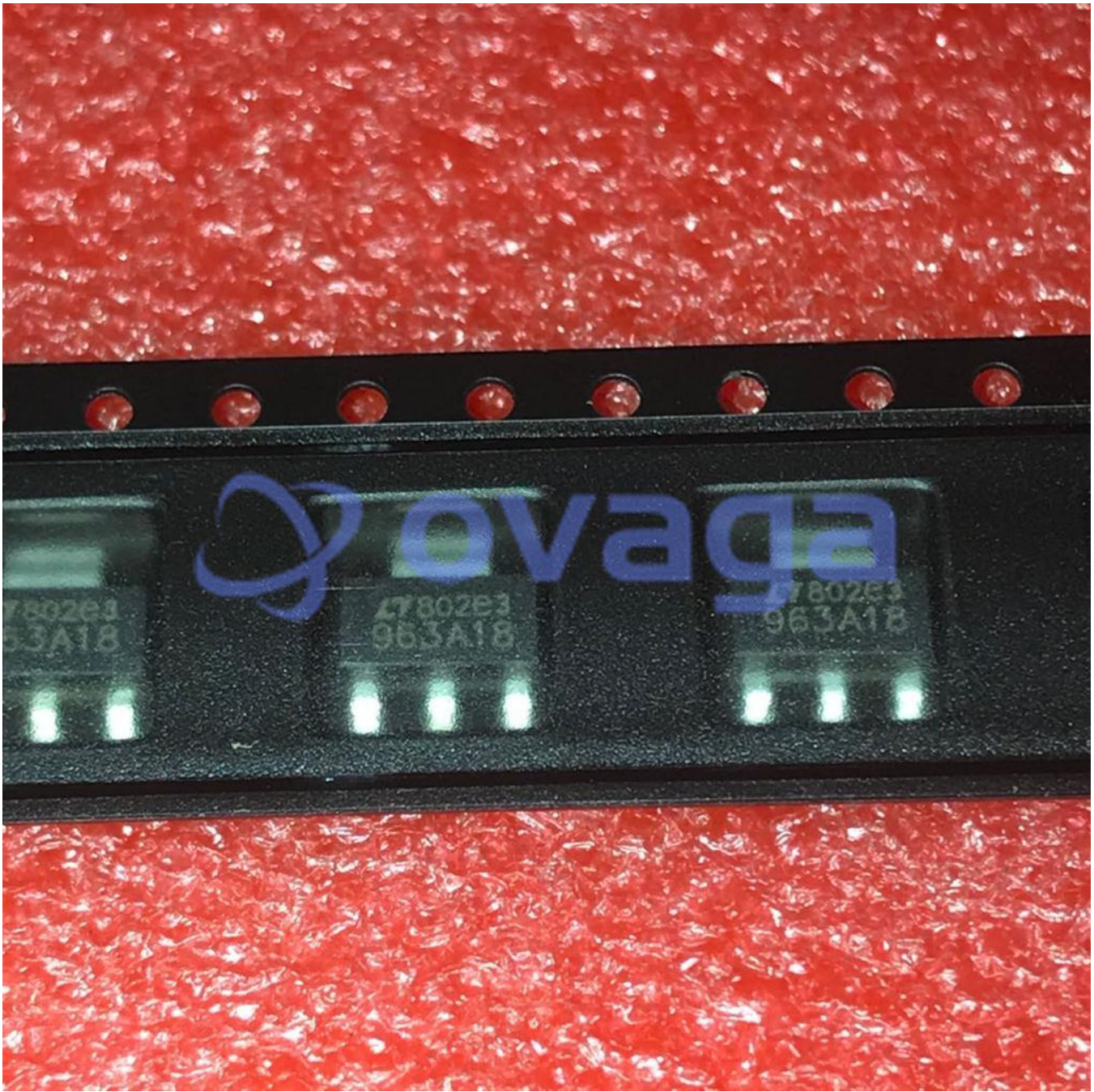
### Application

Powering digital circuits such as microcontrollers, FPGAs, and DSPs

Powering analog circuits such as operational amplifiers and sensors

Powering portable electronic devices, such as handheld instruments and battery-powered devices

Powering RF (radio frequency) and wireless communication devices



## 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