

1.5A, Low Noise, Fast Transient Response LDO Regulators

Manufacturers	Analog Devices, Inc
Package/Case	SOT223
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1963AEST-2.5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

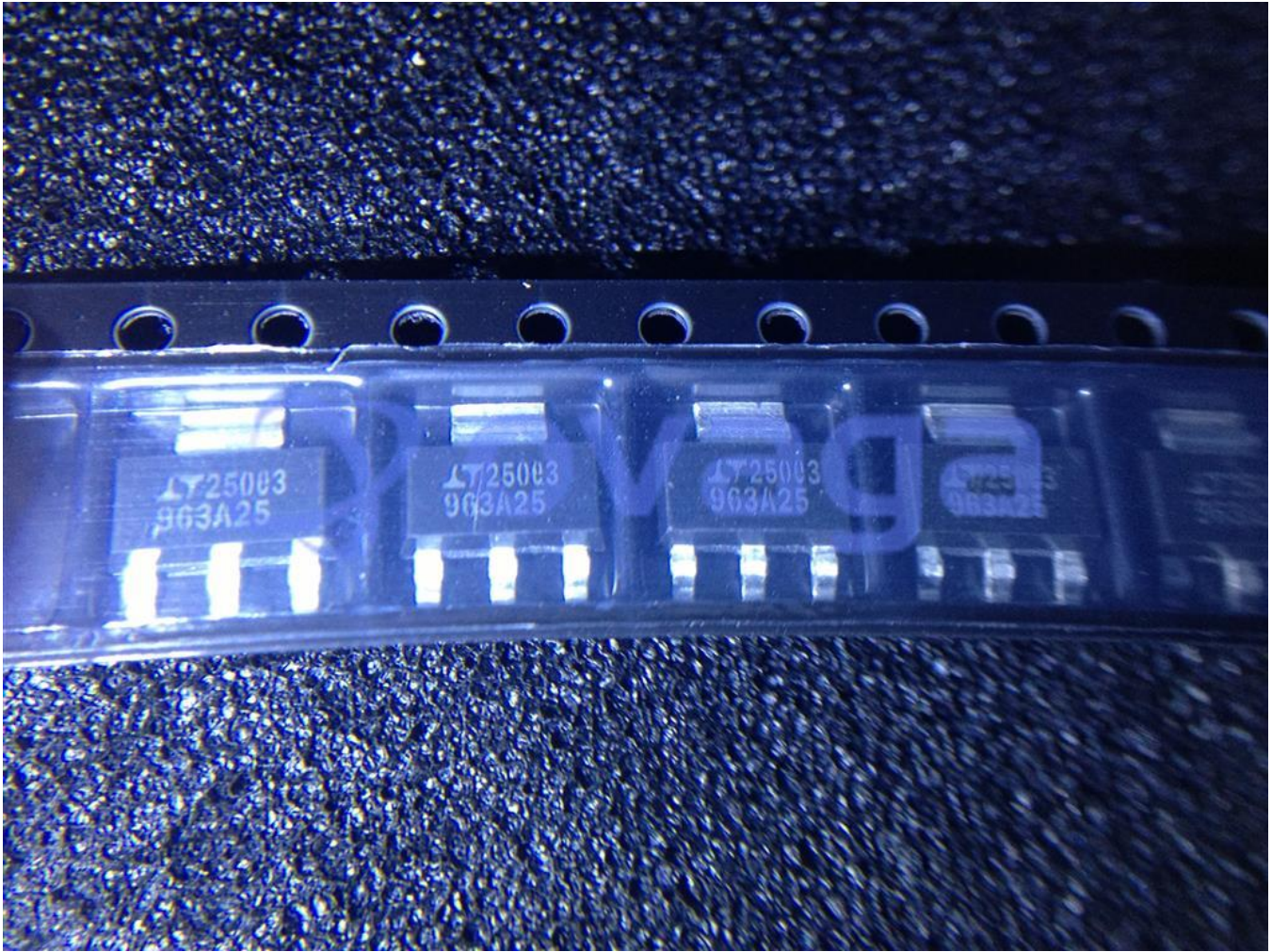
LT1963AEST-2.5 is a voltage regulator IC (integrated circuit) manufactured by Analog Devices. It is a low dropout linear regulator with a fixed output voltage of 2.5 volts.

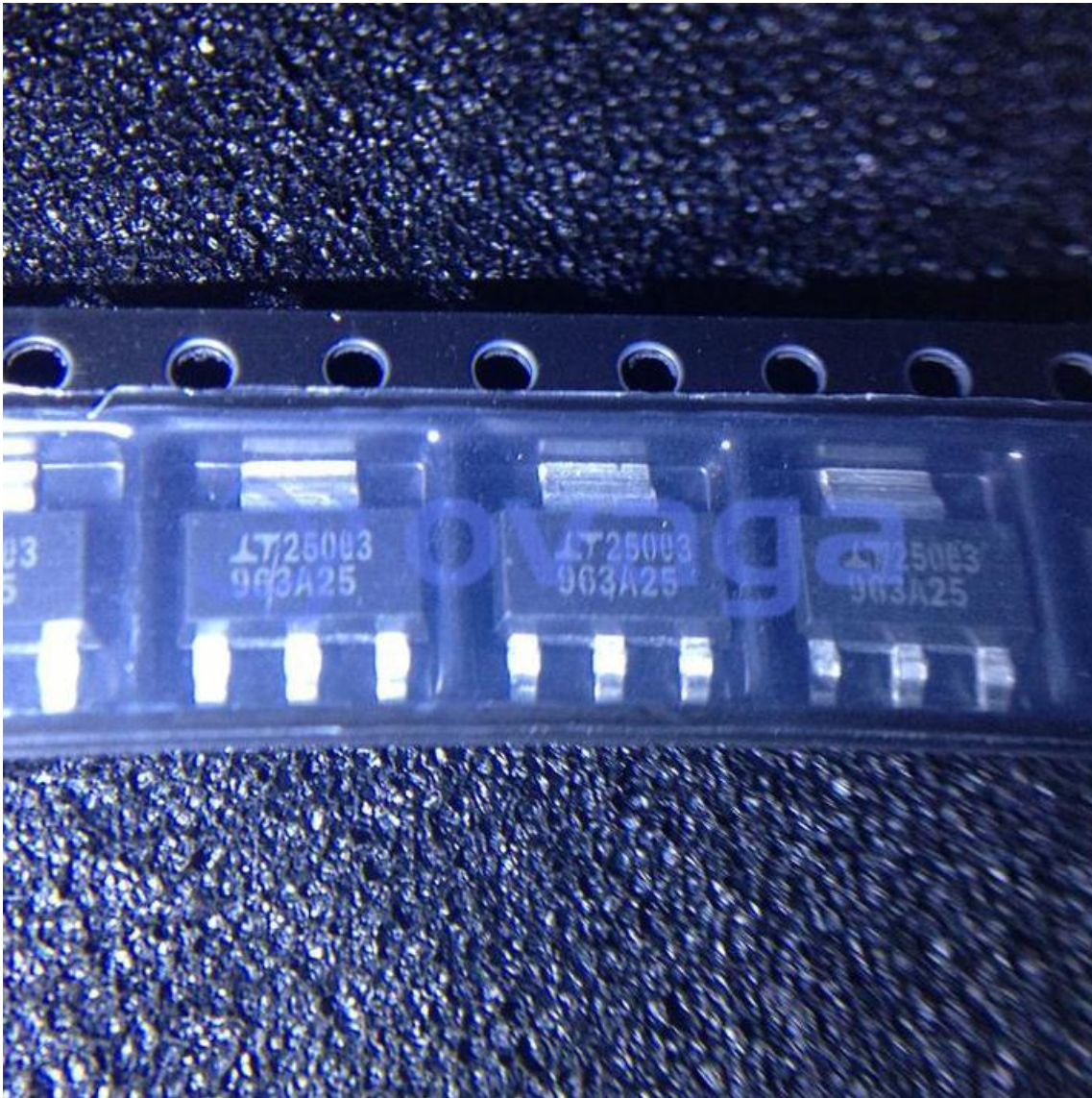
Features

- Input voltage range: 1.8V to 20V
- Low dropout voltage: 340mV @ 1.5A load
- Output current: 1.5A
- Low output noise: 30 μ VRMS (10Hz to 100kHz)
- Thermal shutdown and current limit protection
- Adjustable output voltage via external resistors

Application

- High-efficiency linear voltage regulation
- Low noise power supplies for sensitive analog circuits
- Battery-powered devices
- Automotive electronics
- Industrial control systems





Related Products



[LT1129CST-5](#)

Analog Devices, Inc
SOT223



[LT1716HS5](#)

Analog Devices, Inc
SOT23-5



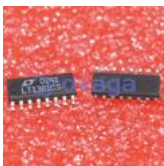
[LT1716HS5#PBF](#)

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