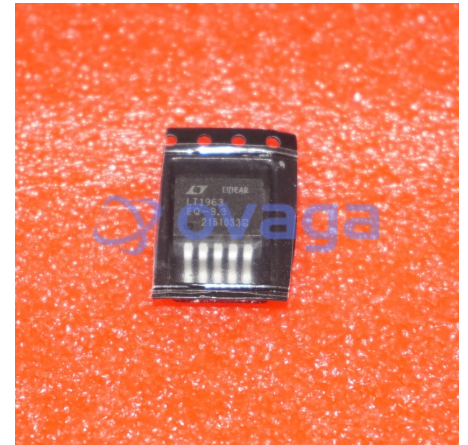


1.5A, Low Noise, Fast Transient Response LDO Regulators; Package: DD PAK; No of Pins: 5; Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	TO-263-5
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1963EQ-3.3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1963EQ-3.3 is a low dropout (LDO) linear regulator manufactured by Linear Technology (now part of Analog Devices). The device is designed to provide a fixed output voltage of 3.3 volts with a maximum output current of 1.5 amps.

Features

Low dropout voltage: The device can operate with a very low input-output voltage differential of just 300 mV at maximum load, making it an ideal choice for applications where the input voltage is close to the output voltage.

High output voltage accuracy: The LT1963EQ-3.3 provides a high output voltage accuracy of +/- 1% over the operating temperature range.

High ripple rejection: The device has a high ripple rejection ratio of 75 dB at 1 kHz, which ensures that the output voltage is stable and free from noise.

Thermal protection: The LT1963EQ-3.3 includes thermal protection circuitry that prevents the device from overheating and causing damage.

Application

Power supplies for microcontrollers, DSPs, and FPGAs

Battery-powered devices, such as portable audio players and medical devices

Industrial and automotive applications, such as sensors and control systems

Distributed power systems and voltage regulators



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