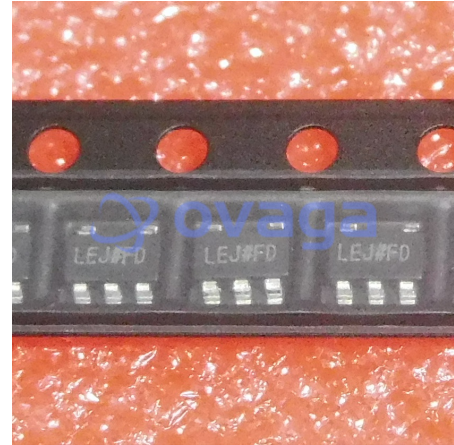


Ultralow Noise, 150 mA CMOS Linear Regulator

Manufacturers	Analog Devices, Inc
Package/Case	SOT23-5
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADP150AUJZ-3.3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADP150AUJZ-3.3 is a voltage regulator integrated circuit (IC) manufactured by Analog Devices Inc. It is a low dropout linear regulator that provides a fixed output voltage of 3.3 volts (V) with a maximum input voltage of up to 20 volts (V). The "ADP150AUJZ" refers to the specific part number and package type of the IC, and the "3.3" indicates the fixed output voltage of 3.3V.

Features

Low dropout voltage: Typically 200 mV at 150 mA load current.

Wide input voltage range: Can operate with input voltages up to 20V.

Low output noise: Typically 25 μ V RMS at 150 mA load current.

Low quiescent current: Typically 38 μ A.

Thermal shutdown and current limit protection.

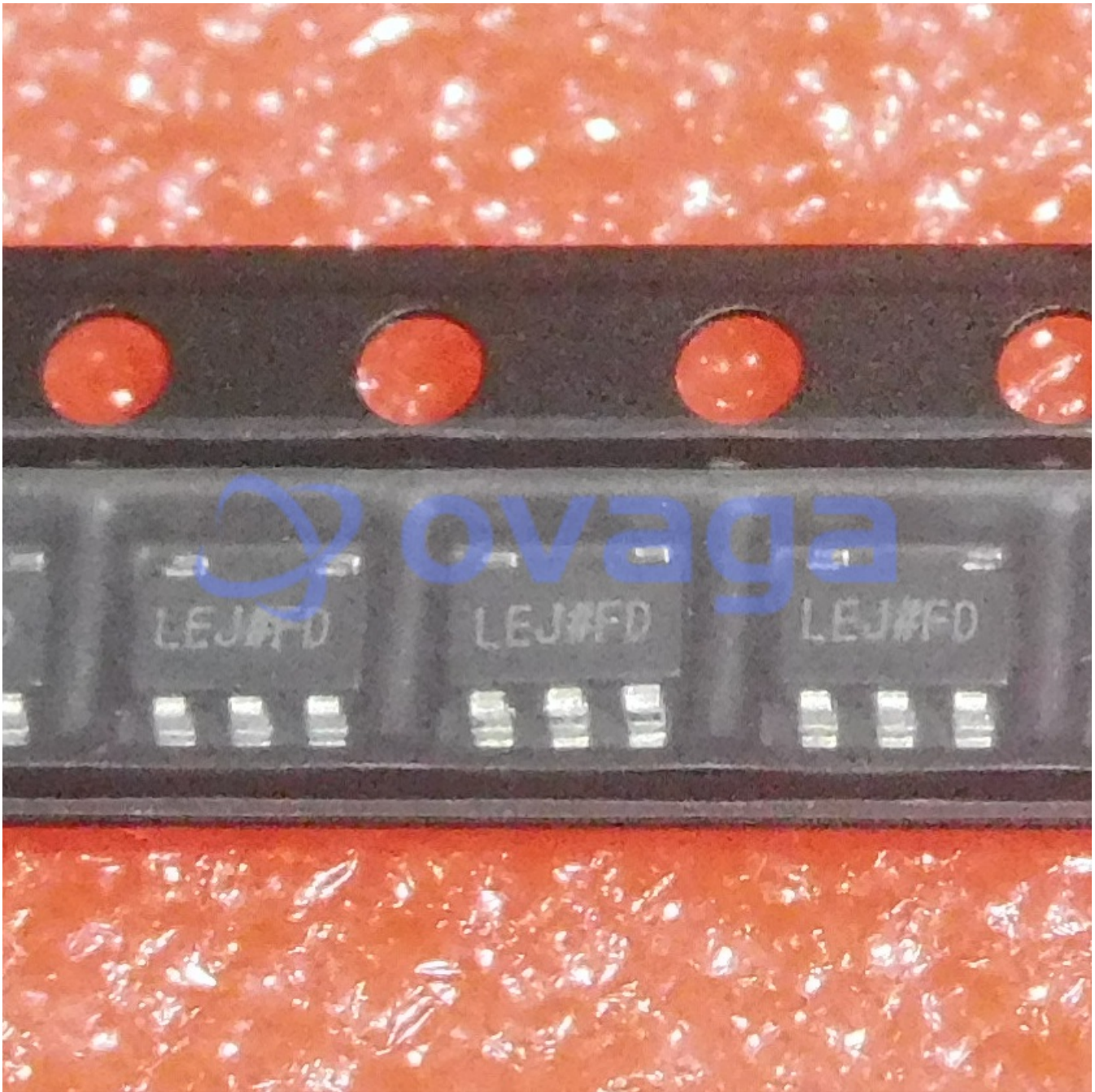
Application

Portable devices: Can be used in battery-powered devices such as smartphones, tablets, portable media players, and other portable electronics.

Industrial and automotive applications: Can be used in industrial and automotive electronics for voltage regulation and power management.

Embedded systems: Can be used in various embedded systems where a stable and regulated power supply is required.

Consumer electronics: Can be used in a wide range of consumer electronics applications where a low dropout voltage regulator is needed.



Related Products



[AD7814ARTZ](#)

Analog Devices, Inc
SOT23-6



[ADA4897-1ARJZ](#)

Analog Devices, Inc
SOT23-6



[AD8515ARTZ](#)

Analog Devices, Inc
SOT23



[ADR395AUJZ](#)

Analog Devices, Inc
SOT23-5



[AD8628ARTZ](#)

Analog Devices, Inc
SOT23-5



[AD8211YRJZ](#)

Analog Devices, Inc
SOT-23



[AD1582BRTZ](#)

Analog Devices, Inc
SOT23-3



[ADM4073HWRJZ](#)

Analog Devices, Inc
SOT23-6P