

LT1964 - 200mA, Low Noise, Low Dropout Negative Micropower Regulator

[LT1964ES5-BYP#PBF Image](#)

Images are for reference only

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT-23-5
Product Type	Transistors
RoHS	
Lifecycle	

Please submit RFQ for LT1964ES5-BYP#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1964ES5-BYP#PBF is a voltage regulator IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices).

### Features

It is a low dropout (LDO) regulator, meaning it can regulate the output voltage even when the input voltage is only slightly higher than the desired output voltage.

The device is rated for an input voltage range of 2.5V to 20V and can provide a fixed output voltage of 3.3V.

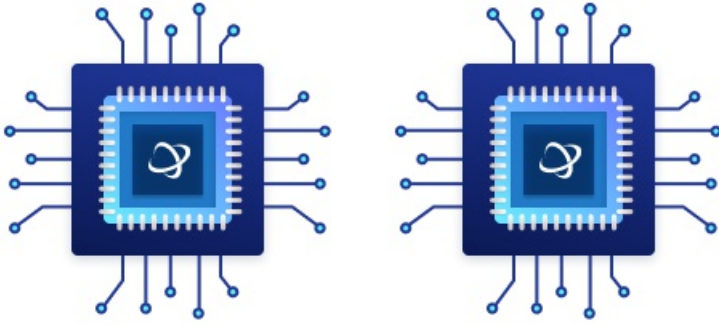
It is capable of delivering up to 1A of output current with a low dropout voltage of only 300mV.

It also includes over-temperature and over-current protection, ensuring safe operation.

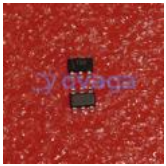
### Application

It is commonly used in a variety of applications where a stable, low voltage supply is required, such as in battery-powered devices, data loggers, and portable audio devices.

The LT1964ES5-BYP#PBF can also be used in applications that require a low noise, high PSRR (power supply rejection ratio) voltage regulator, such as in audio amplifiers and data acquisition systems.



## Related Products



### [LT1616ES6](#)

Analog Devices, Inc  
SOT-23-6



### [LT1086CT-5](#)

Analog Devices, Inc  
TO-220



### [LT3469ETS8](#)

Analog Devices, Inc  
SOT23-8



### [LT1210CT7](#)

Analog Devices, Inc  
TO-220-7



### [LT3470ITS8](#)

Analog Devices, Inc  
TSOT23-8



### [LT1170HVCT](#)

Analog Devices, Inc  
TO-220



### [LT1086MH](#)

Analog Devices, Inc  
CAN3



### [LT3468ES5-1](#)

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SOT23