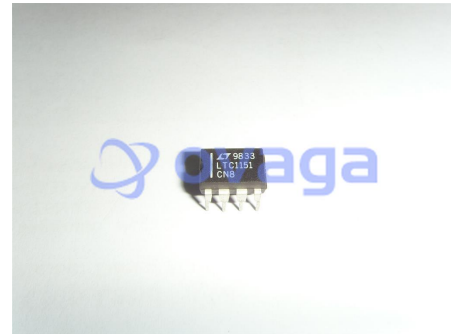


SP Amp Chopper Stabilization Dual $\pm 18V/36V$

Manufacturers	Analog Devices, Inc
Package/Case	DIP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1151CN8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1151CN8 is a type of integrated circuit (IC) that is designed for precision voltage-controlled current sources and amplifiers. It is manufactured by Analog Devices, a leading semiconductor company.

Features

Precision current source: It can be used to generate a precise, stable current, which can be adjusted using an external voltage reference.

Wide range of output currents: The device can generate output currents ranging from a few microamps to several milliamps, depending on the configuration.

Low input offset voltage: The input offset voltage is typically less than 50 μV , which helps to minimize errors in the output current.

High input impedance: The device has a high input impedance, which allows it to be used in a variety of applications, including high-impedance sensors and transducers.

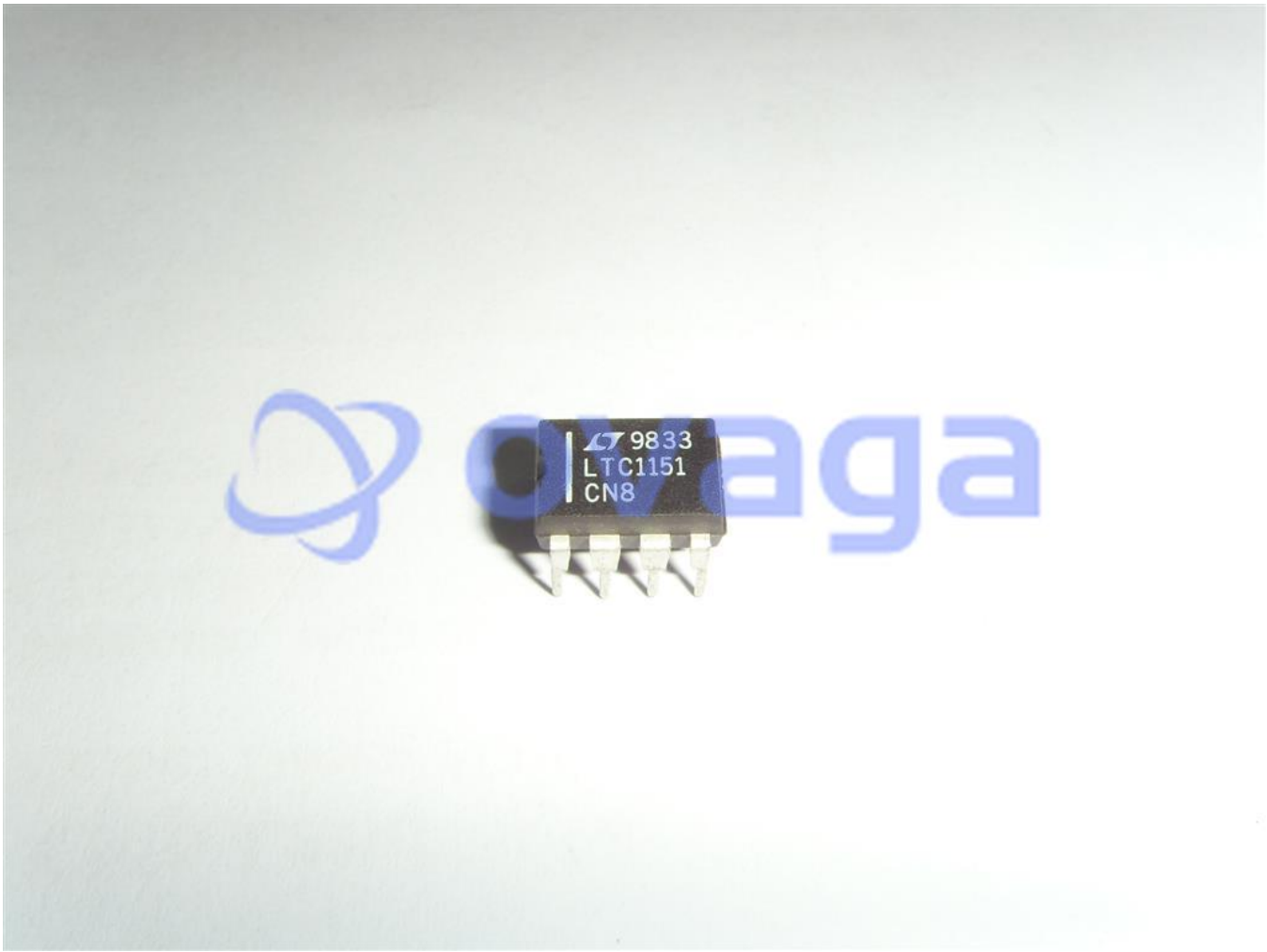
Low power consumption: The LTC1151CN8 is designed for low power consumption, making it suitable for battery-powered applications.

Application

Sensor and transducer interfaces: The device can be used to interface with a wide range of sensors and transducers, including temperature sensors, pressure sensors, and flow meters.

Signal conditioning: The device can be used to condition analog signals, such as amplifying and filtering them before they are digitized.

Current loops: The device can be used to generate precise current loops, which are commonly used in industrial automation and control systems.



Related Products



[LTC1151CSW#PBF](#)

Analog Devices, Inc
SOIC-16



[LT1498CS8](#)

Analog Devices, Inc
SOP-8



[LTC2053CMS8](#)

Analog Devices, Inc
MSOP8



[LTC1150CN8](#)

Analog Devices, Inc
DIP8



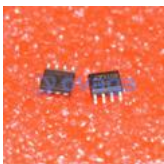
[LT1491ACS](#)

Analog Devices, Inc
SOP14



[LT6105IMS8](#)

Analog Devices, Inc
MSOP-8



[LTC1150CS8](#)

Analog Devices, Inc
SOP8



[LT1013CN8](#)

Analog Devices, Inc
DIP-8