

Zero Drift Current Sense Amplifier

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC6102HMS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC6102HMS8 is a precision current sense amplifier manufactured by Analog Devices. It is designed to sense current levels in the range of microamps to hundreds of milliamps, and has a wide common-mode voltage range of -0.3V to 44V.

Features

High accuracy: It has a maximum gain error of only 0.5% and a maximum offset error of only 30uV.

Wide input voltage range: It can accept inputs from -0.3V to 44V.

Low quiescent current: It draws only 375uA of current.

Small package: It comes in a small MSOP-8 package.

Application

Power management: It can be used to monitor current levels in power supplies, DC/DC converters, and battery chargers.

Motor control: It can be used to measure the current being drawn by motors and other high-current devices.

Automotive: It can be used in automotive applications to monitor the current being drawn by various 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



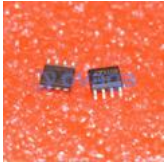
[LT1491ACS](#)

Analog Devices, Inc
SOP14



[LT6105IMS8](#)

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