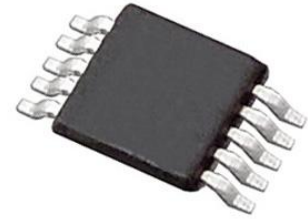


PMIC - power supply controllers/monitors Linear Technology LTC4151IMS-1#PBF 1.2mA MSOP 10

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP10
Product Type	PMIC - Current Regulation/Management
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4151IMS-1#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTC4151 is a high side power monitor that operates over a wide voltage range of 7V to 80V. In default operation mode, the on-board 12-bit ADC continuously measures high side current, input voltage and an external voltage. Data is reported through the I2C interface when polled by a host. The LTC4151 can also perform on-demand measurement in a snapshot mode. The LTC4151 features a dedicated shutdown pin to reduce power consumption. The LTC4151-1/LTC4151-2 feature split I2C data pins to drive opto-isolators. The data out on the LTC4151-1 is inverted while that on the LTC4151-2 is not.

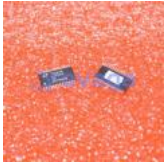
## Features

- Wide Operating Voltage Range: 7V to 80V
- 12-Bit Resolution for Both Current and Voltages
- I2C Interface
- Additional ADC Input Monitors an External Voltage
- Continuous Scan and Snapshot Modes
- Shutdown Mode (LTC4151) Reduces Quiescent Current to 120µA
- Split SDA for Opto-Isolation (LTC4151-1/LTC4151-2)
- Available in 10-Lead MSOP, 10-Lead 3mm × 3mm DFN and 16-Lead SO Packages

## Application

- Automotive
- Industrial
- Consumer

## Related Products



[LT3763EFE](#)

Analog Devices, Inc  
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc  
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc  
MSOP-8P



[LTM8045EX#PBF](#)

Analog Devices, Inc  
BGA40



[LT1038CK](#)

Analog Devices, Inc  
TO-3



[LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



[LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN