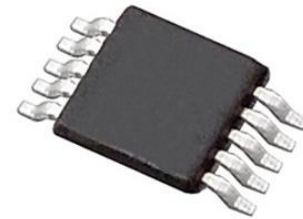


Variable Reluctance Sensor Interfaces with Differential Input and Ad...

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP10
Product Type	Sensors, Transducers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX9924UAUB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MAX9924UAUB is an integrated circuit (IC) produced by Maxim Integrated. It is a single-channel automotive high-side current-sense amplifier that operates over a wide input voltage range.

### Features

- Wide input voltage range: 4V to 36V
- High-side current sensing
- Low offset voltage:  $\pm 150\mu\text{V}$  (max)
- Low quiescent current: 50 $\mu\text{A}$  (typ)
- Adjustable gain: 5V/V to 200V/V
- Built-in self-test (BST) function
- Short-to-battery (STB) and short-to-ground (STG) protection
- Overcurrent and overtemperature protection

### Application

- Automotive and industrial systems requiring high-side current sensing
- Battery management systems
- Motor control systems
- Power management systems

### Related Products



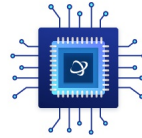
[MAX9926UAEE](#)  
Analog Devices, Inc  
QSOP-16



[MAX6629MTT+](#)  
Analog Devices, Inc  
TDFN-6



[MAX6642ATT90](#)  
Analog Devices, Inc  
TDFN-6



[MAX31875R0TZS+T](#)  
Analog Devices, Inc  
ULTRA



[MAX86150EFF+](#)  
Analog Devices, Inc  
OESIP-22



[TMP36GS](#)  
Analog Devices, Inc  
SOP-8



[AD7416AR](#)  
Analog Devices, Inc  
SSOP-8



[AD22050N](#)  
Analog Devices, Inc  
DIP-8