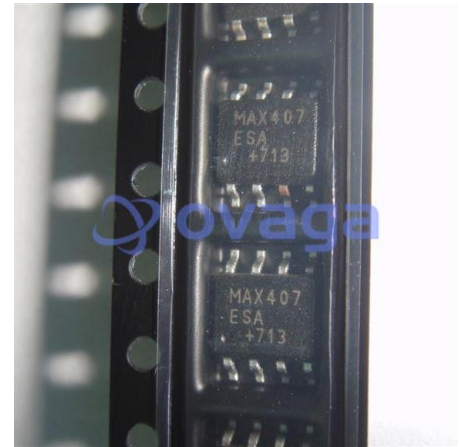


Operational Amplifiers - Op Amps Dual 1.2uA Max Single-Supply

Manufacturers	Analog Devices, Inc
Package/Case	SOP8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX407ESA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

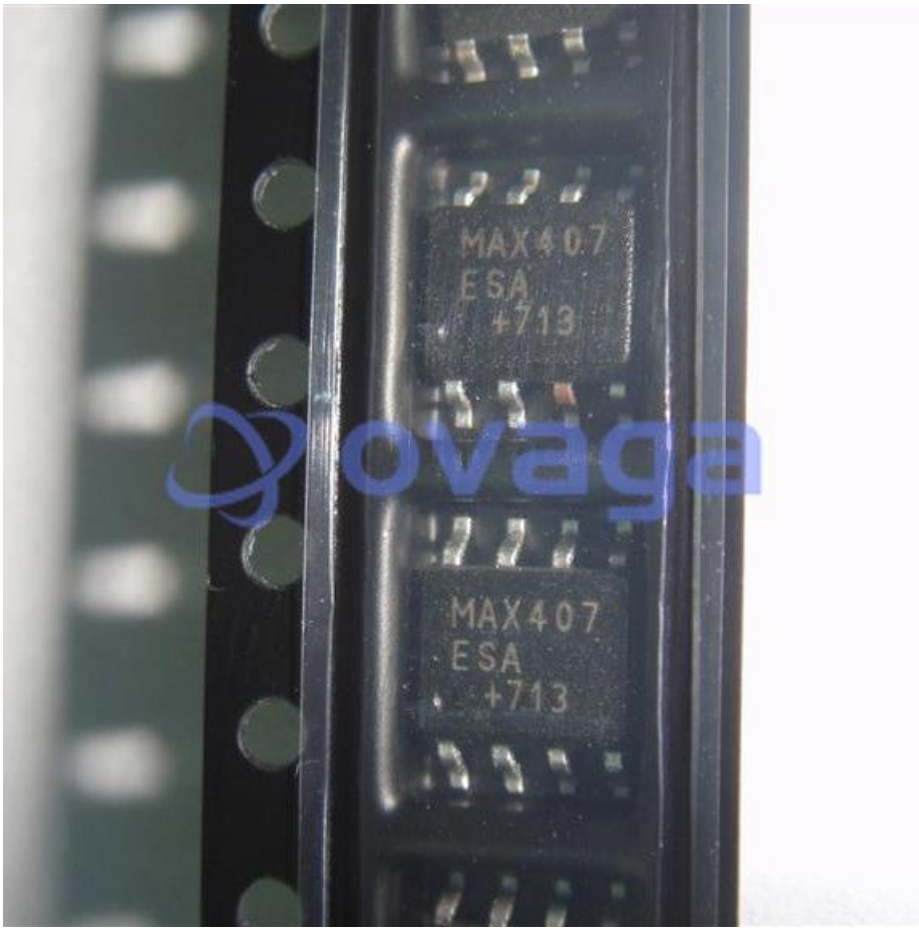
MAX407ESA is a high-precision, high-side current-sense amplifier manufactured by Maxim Integrated. It is designed to monitor load currents in a variety of applications, such as motor control, power management, and battery monitoring.

Features

- High input common-mode voltage range: 4V to 80V
- Wide supply voltage range: 4V to 36V
- Low offset voltage: 60 μ V (maximum)
- Low input bias current: 2.5 μ A (maximum)
- Gain set by single external resistor
- High output voltage swing: 0V to (VSUPPLY - 0.2V)
- Operating temperature range: -40°C to +125°C
- Small footprint: 8-pin SOIC package

Application

- Current sensing in motor control systems
- Overcurrent protection in power supplies and battery chargers
- Battery monitoring in portable devices
- Current measurement in solar panels and other renewable energy systems
- Current sensing in automotive and industrial systems



Related Products



[MAX9814ETD](#)

Analog Devices, Inc
QFN-14



[MAX3658AETA](#)

Analog Devices, Inc
TDFN-8



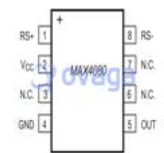
[MAX4332ESA](#)

Analog Devices, Inc
SOIC-8



[MAX478ESA](#)

Analog Devices, Inc
SOIC-8



[MAX4080FASA](#)

Analog Devices, Inc
SOP8



[MAX430CPA](#)

Analog Devices, Inc
PDIP-8



[MAX4291EUK+T](#)

Analog Devices, Inc
SOT23-5



[MAX4145ESD](#)

Analog Devices, Inc
SOP-14