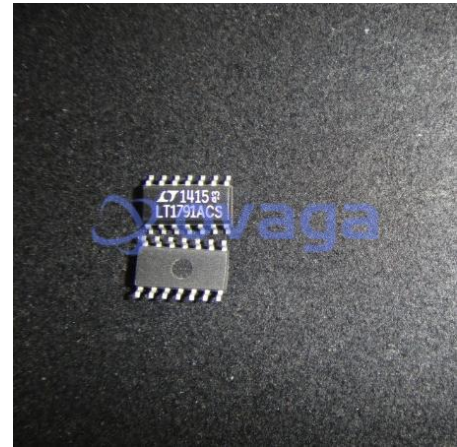


60V Fault Protected RS485/RS422 Transceivers

Manufacturers	Analog Devices, Inc
Package/Case	SOP-14
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1791ACS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

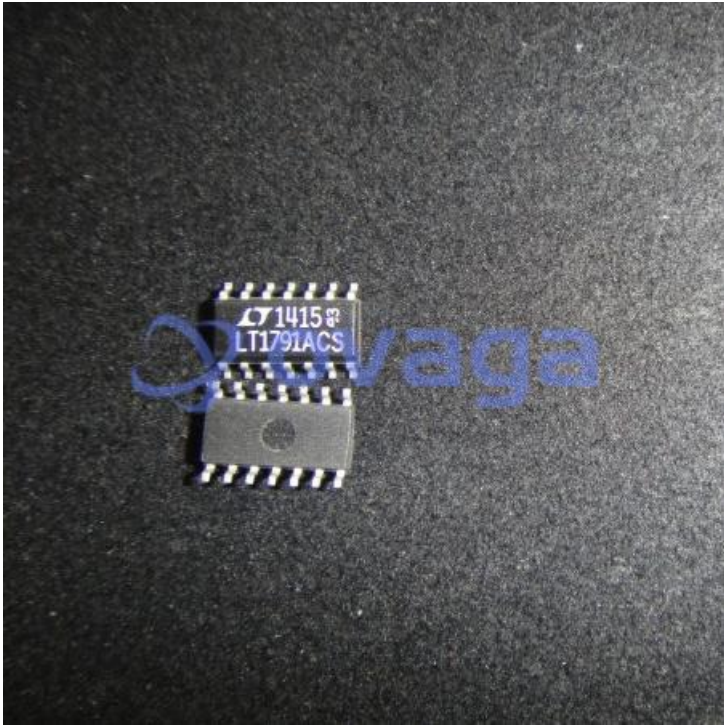
LT1791ACS is a high-speed, precision current sense amplifier manufactured by Analog Devices Inc. It is designed for use in applications where precise current measurements are required.

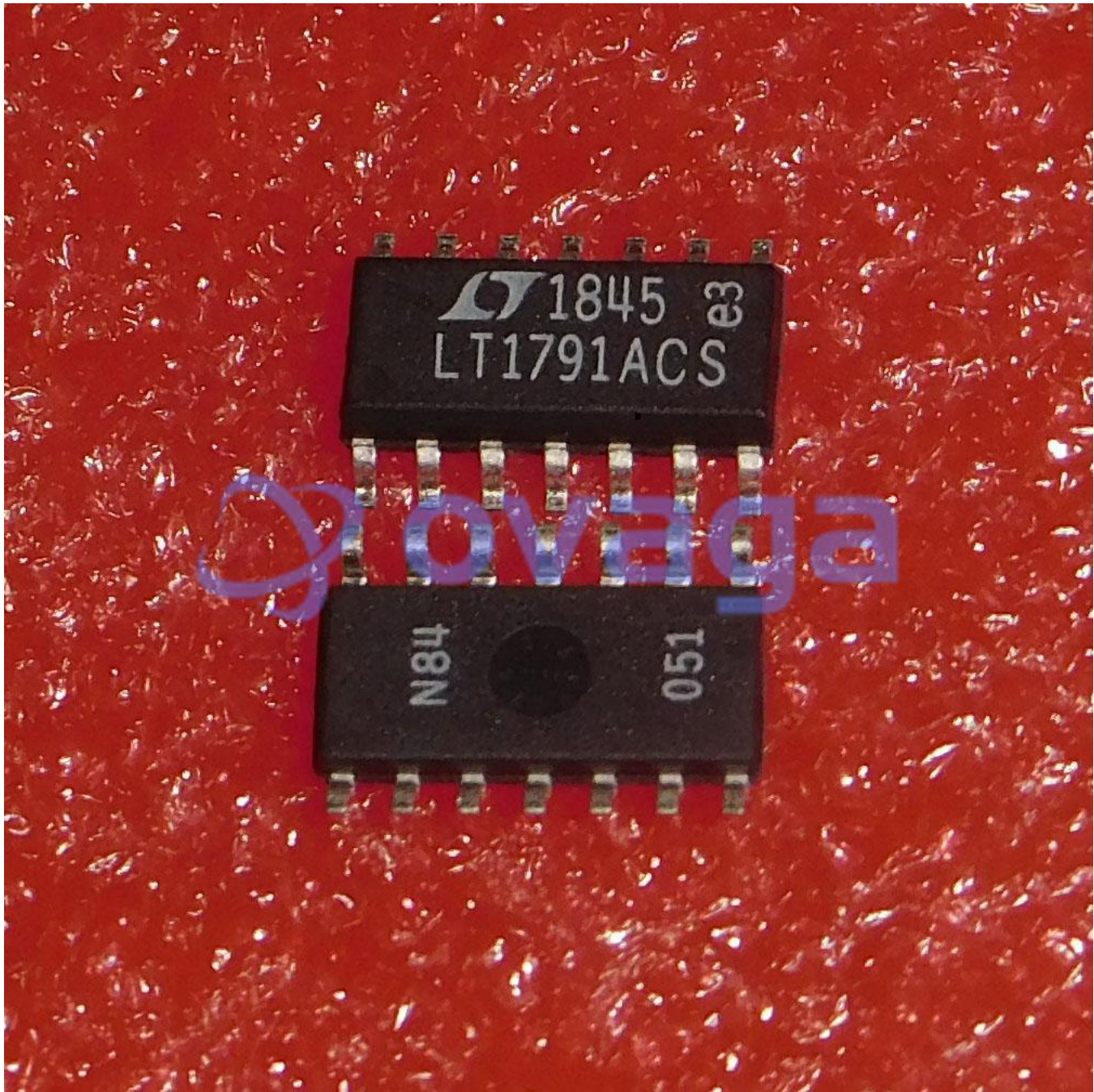
Features

- Wide input voltage range: -0.3V to 44V
- High common mode rejection ratio (CMRR): 80dB at DC, 60dB at 1kHz
- High gain accuracy: $\pm 0.5\%$ max over the industrial temperature range
- High bandwidth: 1.4MHz
- Low input bias current: 400nA max
- Low input offset voltage: $\pm 1\text{mV}$ max
- Low input noise voltage: $8\text{nV}/\sqrt{\text{Hz}}$

Application

- Precision current sensing in power supplies
- Battery management systems
- Motor control systems
- Current sensing in automotive and industrial applications
- Current sensing in communication equipment





Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



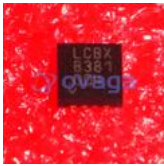
[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc
TO-263