

Single-Supply, Rail-to-Rail, Low Power FET-Input Op Amp Amplifier

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD820AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD820AR is an operational amplifier (op-amp) manufactured by Analog Devices Inc. It is a low power, high precision amplifier designed for a wide range of applications, including instrumentation, measurement, and control systems.

Features

- Low input offset voltage: 50 μ V maximum
- Low input bias current: 10 nA maximum
- Low input noise voltage: 3.3 nV/ $\sqrt{\text{Hz}}$ typical
- Wide supply voltage range: 2.7 V to 36 V
- Low power consumption: 500 μ A maximum
- Rail-to-rail input and output operation

Application

- Sensor signal conditioning
- Precision current sensing
- Strain gauge amplification
- Photodiode amplification
- Active filters
- Differential signal conditioning



Related Products



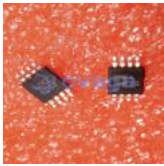
[AD8418BRMZ-RL](#)

Analog Devices, Inc
MSOP-8



[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD8567ARUZ](#)

Analog Devices, Inc
TSSOP-14



[AD8022ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD8062ARMZ](#)

Analog Devices, Inc
MSOP8



[AD8628AUJZ](#)

Analog Devices, Inc
SOP23



[AD8041AR](#)

Analog Devices, Inc
SOP-8