

Dual Precision, Low Cost, High Speed, BiFET Op Amp

Manufacturers	Analog Devices, Inc
Package/Case	CDIP8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD712SQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD712SQ is a precision, low-noise, high-speed, and low-drift operational amplifier (op-amp) manufactured by Analog Devices, Inc. It is designed for use in a wide range of precision signal conditioning and data acquisition applications where low noise, low offset, and low drift are required.

Features

- Low input offset voltage: typically 25 μ V
- Low input bias current: typically 10 nA
- Low input noise voltage: typically 7.5 nV/ \sqrt Hz at 1 kHz
- Low input noise current: typically 0.01 pA/ \sqrt Hz at 1 kHz
- High open-loop gain: typically 130 dB
- High common-mode rejection ratio: typically 100 dB
- Low power consumption: typically 2.5 mA
- Wide operating voltage range: \pm 5 V to \pm 18 V

Application

- High-precision data acquisition systems
- Instrumentation and measurement systems
- Strain gauge amplifiers
- Temperature measurement and control systems
- Audio amplifiers
- Active filters
- Precision voltage regulators
- High-precision power supplies



Related Products



[ADUM1300](#)

Analog Devices, Inc



[ADL5310ACPZ](#)

Analog Devices, Inc
LFCSP-24



[ADG5409BCPZ](#)

Analog Devices, Inc
LFCSP-16



[ADG3308BCPZ](#)

Analog Devices, Inc
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[ADR391AUJZ](#)

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SOT23-5



[ADCMP600BKSZ](#)

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SC-70-5



[ADM7171ACPZ](#)

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LFCSP8



[ADCMP601BKSZ](#)

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SC70