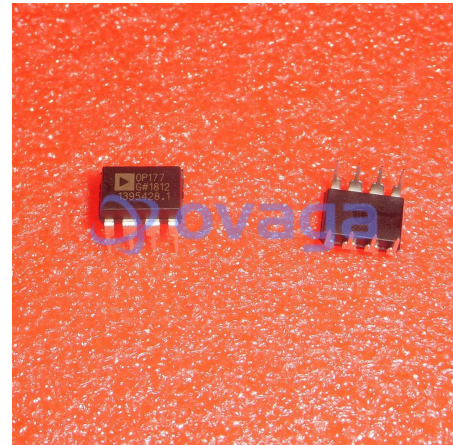


Ultraprecision Operational Amplifier

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



Images are for reference only

Please submit RFQ for OP177 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

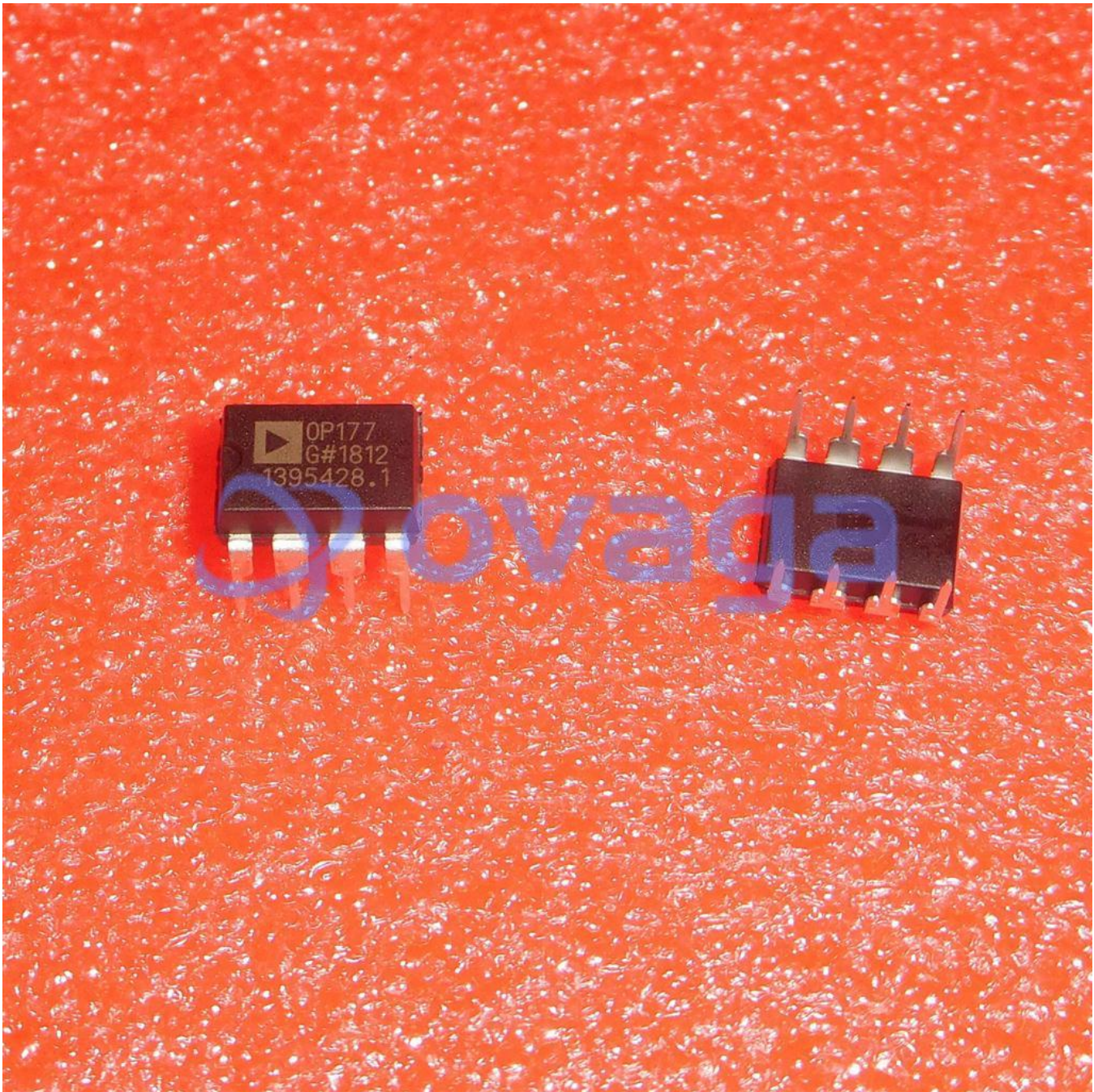
OP177 is a high-precision operational amplifier (op-amp) that is widely used in analog signal processing applications. It is manufactured by Analog Devices, a leading semiconductor company in the field of analog and mixed-signal processing.

Features

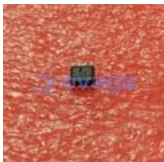
- Low input offset voltage: typically 10 μ V, maximum 75 μ V
- Low input bias current: typically 200nA, maximum 500nA
- Low input noise voltage: typically 5.5nV/ \sqrt Hz
- High open-loop gain: typically 10⁶
- High common-mode rejection ratio (CMRR): typically 140dB
- Low power consumption: typically 1.3mA
- Operating temperature range: -40°C to +85°C
- Single or dual supply operation

Application

- Precision instrumentation
- Medical equipment
- Strain gauge amplifiers
- Temperature and pressure measurement
- Data acquisition systems
- Signal conditioning circuits



Related Products



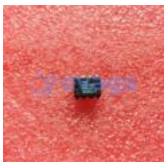
[OP213F](#)

Analog Devices, Inc
SMD/DIP-8/SOP-8



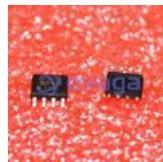
[OP42AZ](#)

Analog Devices, Inc
CDIP-8



[OP27GP](#)

Analog Devices, Inc
PDIP-8



[OP37GS](#)

Analog Devices, Inc
SOIC-8



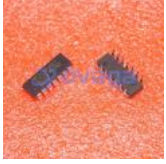
[OP462GSZ](#)

Analog Devices, Inc
SOIC-14



[OP2177ARM](#)

Analog Devices, Inc
MSOP8



[OP467GPZ](#)

Analog Devices, Inc
PDIP-14



[OP400GPZ](#)

Analog Devices, Inc
PDIP-14