

Operational Amplifier, Dual, 2 Amplifier, 450 kHz, 0.3 V/ μ s, 3V to 12V, SOIC, 8 Pins

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



Images are for reference only

Please submit RFQ for OP296GSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

OP296GSZ is an operational amplifier (op-amp) IC manufactured by Analog Devices Inc. It is a low-power, precision op-amp with a rail-to-rail output and a single-supply voltage range of 2.7V to 36V. The OP296GSZ features a low input offset voltage of 300 μ V, a low input bias current of 1nA, and a low quiescent current of 60 μ A per amplifier.

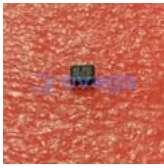
Features

- Low input offset voltage of 300 μ V
- Low input bias current of 1nA
- Low quiescent current of 60 μ A per amplifier
- Rail-to-rail output swing
- Single-supply voltage range of 2.7V to 36V
- Unity-gain stable
- Low noise of 8nV/ \sqrt Hz
- High common-mode rejection ratio (CMRR) of 94dB
- High power supply rejection ratio (PSRR) of 110dB

Application

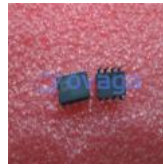
- Precision instrumentation
- Sensor signal conditioning
- Data acquisition systems
- Active filtering and equalization
- Portable and battery-powered systems
- Signal amplification and buffering

Related Products



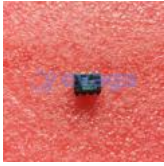
[OP213F](#)

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



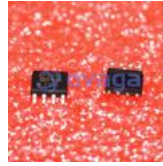
[OP42AZ](#)

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