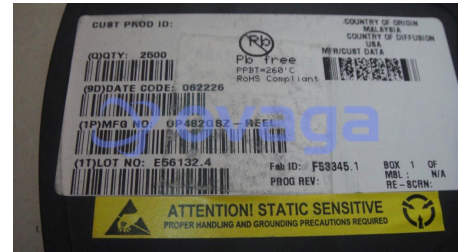


High Speed Operational Amplifiers QUAD LOW PWR JFET OP AMP

Manufacturers	Analog Devices, Inc
Package/Case	SOP14
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for OP482GSZ-REEL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The OP282/OP482 dual and quad operational amplifiers feature excellent speed at exceptionally low supply currents. Slew rate exceeds 7 V/ μ s with supply current under 250 μ A per amplifier. These unity gain stable amplifiers have a typical gain bandwidth of 4 MHz.

The JFET input stage of the OP282/OP482 insures bias current is typically a few picamps and below 500 pA over the full temperature range. Offset voltage is under 3 mV for the dual and under 4 mV for the quad.

With a wide output swing, within 1.5 volts of each supply, low power consumption and high slew rate, the OP282/OP482 are ideal for battery-powered systems or power restricted applications. An input common-mode range that includes the positive supply makes the OP-282/OP-482 an excellent choice for high-side signal conditioning.

The OP282/OP482 are specified over the extended industrial temperature range. Both dual and quad amplifiers are available in plastic and ceramic DIP plus SOIC surface mount packages.

Features

High Slew Rate: 9 V/ μ s

Wide Bandwidth: 4 MHz

Low Supply Current: 250 μ A/Amplifier

Low Offset Voltage: 3 mV

Low Bias Current: 100 pA

Fast Settling Time

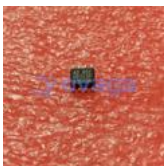
Common-Mode Range Includes V+

Unity Gain Stable



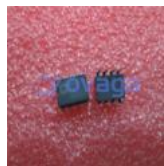


Related Products



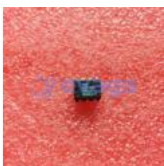
OP213F

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



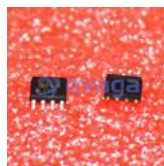
OP42AZ

Analog Devices, Inc
CDIP-8



OP27GP

Analog Devices, Inc
PDIP-8



OP37GS

Analog Devices, Inc
SOIC-8



[OP462GSZ](#)

Analog Devices, Inc
SOIC-14



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MSOP8



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PDIP-14



[OP400GPZ](#)

Analog Devices, Inc
PDIP-14