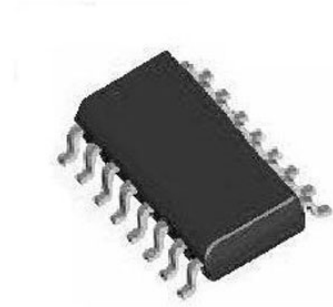


## Operational Amplifiers - Op Amps MICROPOWER QUAD OP AMP

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-16
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for OP490GSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The OP490 is a high performance micropower quad op amp that operates from a single supply of 1.6 V to 36 V or from dual supplies of  $\pm 0.8$  V to  $\pm 18$  V. The input voltage range includes the negative rail allowing the OP490 to accommodate input signals down to ground in single-supply operation. The output swing of the OP490 also includes ground when operating from a single supply, enabling zero-in, zero-out operation.

The quad OP490 draws less than 20  $\mu$ A of quiescent supply current per amplifier, but each amplifier is able to deliver over 5 mA of output current to a load. Input offset voltage is under 0.5 mV. Gain exceeds over 400,000 and CMR is better than 90 dB. A PSRR of under 5.6  $\mu$ V/V minimizes offset voltage changes experienced in battery-powered systems.

The quad OP490 combines high performance with the space and cost savings of quad amplifiers. The minimal voltage and current requirements of the OP490 make it ideal for battery and solar-powered applications, such as portable instruments and remote sensors.

## Features

Single/dual-supply operation 1.6 V to 36 V  $\pm 0.8$  V to  $\pm 18$  V

Single-supply operation; input and output voltage ranges include ground

Low supply current: 80  $\mu$ A maximum

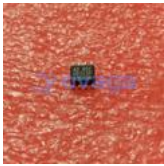
High output drive: 5 mA minimum

Low offset voltage: 1.0 mV maximum

High open-loop gain: 800 V/mV typical

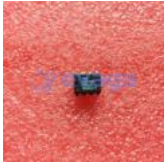
Industry standard quad pinouts

## Related Products



### [OP213F](#)

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



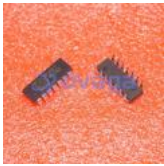
### [OP27GP](#)

Analog Devices, Inc  
PDIP-8



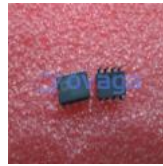
### [OP462GSZ](#)

Analog Devices, Inc  
SOIC-14



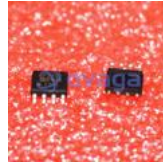
### [OP467GPZ](#)

Analog Devices, Inc  
PDIP-14



### [OP42AZ](#)

Analog Devices, Inc  
CDIP-8



### [OP37GS](#)

Analog Devices, Inc  
SOIC-8



### [OP2177ARM](#)

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MSOP8



### [OP400GPZ](#)

Analog Devices, Inc  
PDIP-14