OP196GSZ

Data Sheet

Operational Amplifier, Single, 1 Amplifier, 450 kHz, 0.3 V/µs, 3V to 12V, SOIC, 8 Pins

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

Images are for reference only

Please submit RFQ for OP196GSZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The OP196 family of CBCMOS operational amplifiers features micropower operation and rail-to-rail input and output ranges.

The extremely low power requirements and guaranteed operation from +3 V to +12 V make these amplifiers perfectly suited to monitor battery usage and to control battery charging. Their dynamic performance, including 26 nV/√Hz voltage noise density, recommends them for battery-powered audio applications. Capacitive loads to 200 pF are handled without oscillation.

The OP196/OP296/OP496 are specified over theextended industrial (-40°C to +125°C) temperature range. +3 V operation is specified over the 0°C to +125°C temperature range.

The single OP196 and the dual OP296 are available in 8-lead SOIC and TSSOP packages. The quad OP496 is available in 14-lead SOIC and TSSOP packages.

Features

Rail-to-Rail Input and Output Swing

Low Power: 60 µA/Amplifier

Gain Bandwidth Product: 450 kHz

Single-Supply Operation: 3 V to 12 V

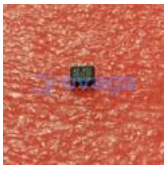
Low Offset Voltage: 300 µV max

High Open-Loop Gain: 500 V/mV

Unity-Gain Stable

No Phase Reversal

Related Products



OP213F

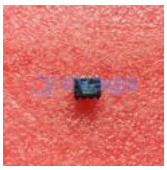
Analog Devices, Inc

SMD/DIP-8/SOP-8

OP42AZ

Analog Devices, Inc

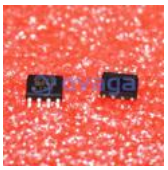
CDIP-8



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