

Operational Amplifier, Single, 1 Amplifier, 35 kHz, 0.015 V/ μ s, 2V to \pm 18V, 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 OP193FSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The OP193/OP293 are single-supply operational amplifiers that feature a combination of high precision, low supply current, and the ability to operate at low voltages. For high performance in single-supply systems, the input and output ranges include ground, and the outputs swing from the negative rail to within 600 mV of the positive supply. For low voltage operation, the OP193/OP293 can operate down to +1.7 V or \pm 0.85 V.

The combination of high accuracy and low power operation make the OP193/OP293 useful for battery-powered equipment. The part's low current drain and low voltage operation allow it to continue performing long after other amplifiers have ceased functioning either because of battery drain or headroom.

The OP193/OP293 are specified for single +2 V through dual \pm 15 V operation over the extended (-40°C to $+125^{\circ}\text{C}$) temperature range. They are available in SOIC surface-mount packages.

Features

Operates from +1.7 V to ± 18 V

Low supply current: 15 μ A/amplifier

Low offset voltage: 100 μ V maximum

Outputs sink and source: ± 8 mA

No phase reversal

Single- or dual-supply operation

High open-loop gain: 600 V/mV

Unity-gain stable

Application

Digital scales

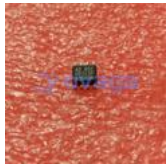
Strain gages

Portable medical equipment

Battery-powered instrumentation

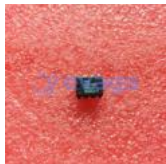
Temperature transducer amplifier

Related Products



[OP213F](#)

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



[OP27GP](#)

Analog Devices, Inc
PDIP-8



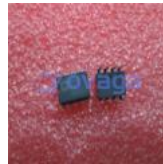
[OP462GSZ](#)

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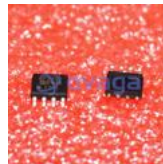
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