

Operational Amplifier, Quad, 4 Amplifier, 3 MHz, 0.5 V/ $\mu$ s, 2.7V to 12V, NSOIC, 14 Pins

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	14 ld SOIC
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for OP491GSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

OP491GSZ is a part number that likely refers to an operational amplifier (op-amp) IC (integrated circuit) manufactured by Analog Devices Inc. It is a specific variant of the OP491 series of op-amps.

## Features

**Low offset voltage:** The OP491GSZ may have a low input offset voltage, which is the voltage difference between the inverting and non-inverting input terminals when the op-amp is in its linear operating range.

**Low input bias current:** The OP491GSZ may have a low input bias current, which is the current that flows into the op-amp's input terminals.

**Rail-to-rail inputs and outputs:** The OP491GSZ may have inputs and outputs that can operate from the full supply voltage range, which allows for maximum signal swing and flexibility in various applications.

**Wide supply voltage range:** The OP491GSZ may be designed to operate from a wide supply voltage range, allowing for use in different voltage levels.

## Application

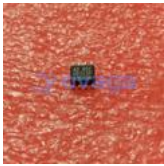
**Sensor conditioning:** The OP491GSZ can be used in sensor applications to amplify and condition small sensor signals for further processing.

**Signal conditioning:** The OP491GSZ can be used for signal conditioning in various analog and mixed-signal circuits, such as filters, amplifiers, and data acquisition systems.

**Portable and battery-powered devices:** The low supply voltage and low power consumption of OP491GSZ make it suitable for use in portable and battery-powered devices where power efficiency is important.

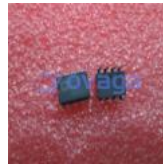
**Industrial and automotive applications:** The ruggedness, wide supply voltage range, and rail-to-rail inputs and outputs of OP491GSZ make it suitable for industrial and automotive applications where reliability and performance are critical.

## Related Products



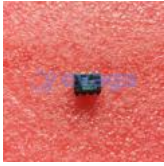
[OP213F](#)

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SMD/DIP-8/SOP-8



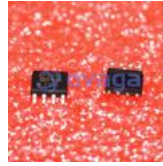
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