

+3.3V, 2.5Gbps/2.7Gbps, SDH/SONET 4:1 Serializer with Clock Synthesis

Manufacturers	Analog Devices, Inc
Package/Case	SOP8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8205YR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8205YR is a precision, low-power, rail-to-rail instrumentation amplifier manufactured by Analog Devices Inc. It is designed to amplify small differential signals while rejecting common-mode noise and can be used in various precision applications such as medical instrumentation, industrial process control, and automotive sensors.

Features

Wide input voltage range: $\pm 16V$

Low offset voltage: $50\mu V$ max

Low offset voltage drift: $0.3\mu V/^\circ C$ max

Low input bias current: $1nA$ max

Low quiescent current: $115\mu A$ max

Low noise: $8nV/\sqrt{Hz}$

Application

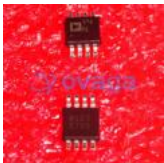
Medical instrumentation: ECG amplifiers, blood pressure monitors, and glucose meters

Industrial process control: pressure and temperature measurement, strain gauges, and data acquisition

Automotive sensors: airbag sensors, engine control units, and fuel cell systems

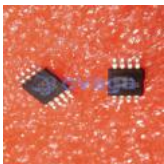


Related Products



[AD8418BRMZ-RL](#)

Analog Devices, Inc
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD8567ARUZ](#)

Analog Devices, Inc
TSSOP-14



[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc
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[AD8062ARMZ](#)

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[AD8628AUJZ](#)

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SOP23



[AD8022ARMZ](#)

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[AD8041AR](#)

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