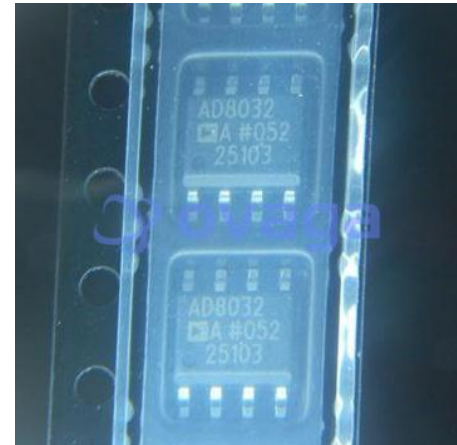


Operational Amplifiers - Op Amps 2.7V 800uA 80Mhz RRIO Dual

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8032AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8032AR is a high-speed, low-power voltage feedback amplifier manufactured by Analog Devices Inc. It is a general-purpose amplifier that is designed for applications that require high-speed performance combined with low power consumption.

Features

Wide bandwidth: AD8032AR has a bandwidth of 300 MHz, which makes it suitable for high-frequency applications.

Low input noise: The amplifier has a low input voltage noise of 2.3 nV/√Hz, which makes it ideal for use in applications where small signals need to be amplified.

Low power consumption: AD8032AR has a low power consumption of 4.5 mA, which makes it suitable for use in portable devices or low-power applications.

High output current: The amplifier has a high output current of 60 mA, which makes it suitable for driving low impedance loads.

Rail-to-rail output: The amplifier has a rail-to-rail output swing, which makes it suitable for use in applications that require a large output voltage swing.

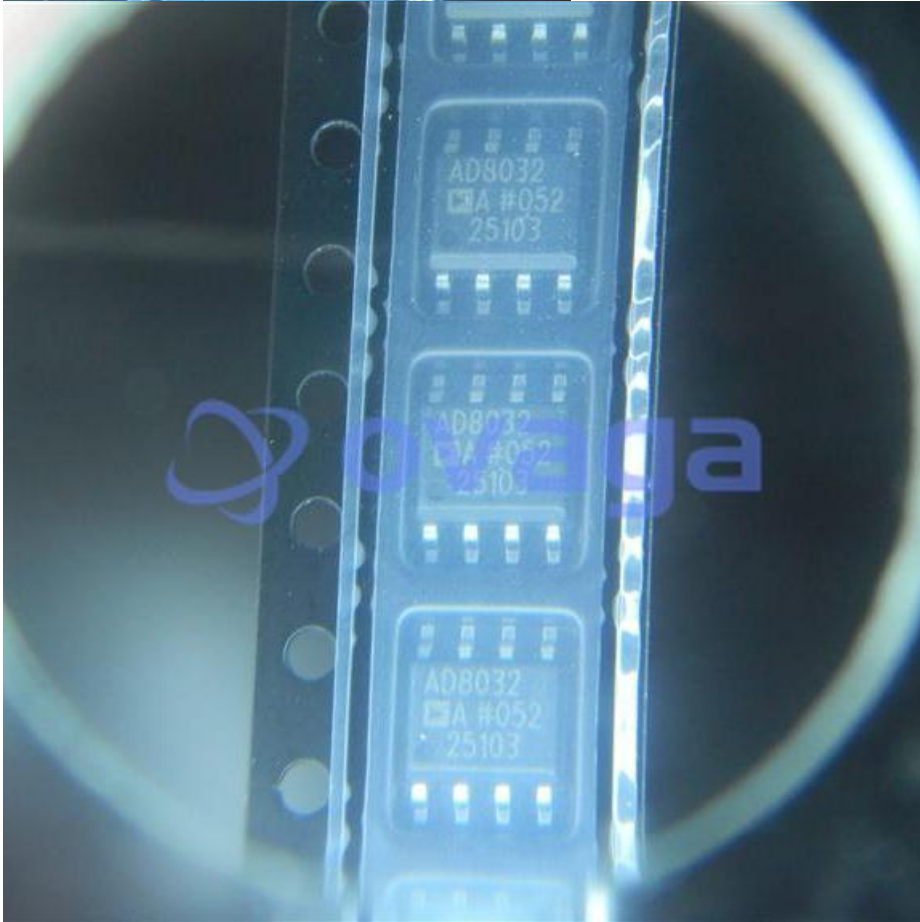
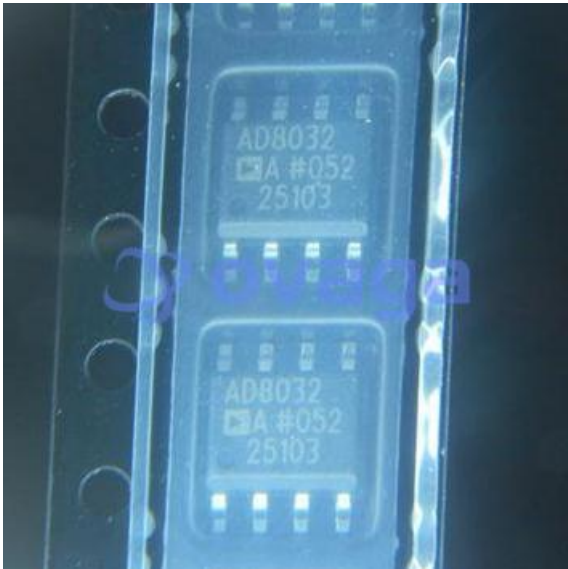
Application

High-speed signal processing: The high bandwidth and low input noise make AD8032AR suitable for use in high-speed signal processing applications.

Video amplification: The rail-to-rail output swing and high output current make AD8032AR suitable for use in video amplification applications.

Transimpedance amplifiers: The low input voltage noise and high bandwidth make AD8032AR suitable for use in transimpedance amplifiers.

Photodiode amplifiers: The low input voltage noise and high bandwidth make AD8032AR suitable for use in photodiode amplifiers.



Related Products



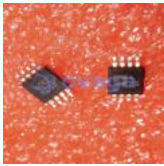
[AD8418BRMZ-RL](#)

Analog Devices, Inc
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[ADA4528-2ARMZ-R7](#)

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[ADA4084-2ARMZ](#)

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