

Ic opamp vf 50mhz dual lp 8soic

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



Images are for reference only

Please submit RFQ for AD826ARZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD826 features high output current drive capability of 50 mA min per amp, and is able to drive unlimited capacitive loads. With a low power supply current of 15 mA max for both amplifiers, the AD826 is a true general purpose operational amplifier.

The AD826 is ideal for power sensitive applications such as video cameras and portable instrumentation. The AD826 can operate from a single +5V supply, while still achieving 25 MHz of bandwidth. Furthermore the AD826 is fully specified from a single +5V to ±15V power supplies.

The AD826 excels as an ADC/DAC buffer or active filter in data acquisition systems and achieves a settling time of 70 ns to 0.01%, with a low input offset voltage of 2mV max. The AD826 is available in small 8-pin plastic mini-DIP and SO packages.

Features

High Speed: 50 MHz Unity Gain Bandwidth 350 V/μs Slew Rate 70 ns Settling Time to 0.01%

Easy to Use: Drives Unlimited Capacitive Loads 50 mA Min Output Current Per Amplifier Specified for +5 V, ±5 V and ±15 V Operation 2.0 V p-p Output Swing into a 150 Ω Load

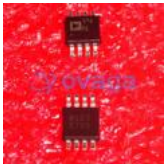
Low Power: 7.5 mA Max Power Supply Current Per Amp

Good Video Performance Differential Gain & Phase Error of 0.07% & 0.11°

Excellent DC Performance: 2.0 mV Max Input Offset Voltage

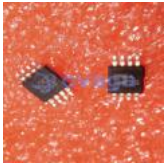


Related Products



[AD8418BRMZ-RL](#)

Analog Devices, Inc
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD8567ARUZ](#)

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[AD8022ARMZ](#)

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[ADA4528-2ARMZ-R7](#)

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[AD8628AUJZ](#)

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SOP23



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