

Precision Amplifiers High Spd Low Pwr Monolithic

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



Images are for reference only

Please submit RFQ for AD847SQ/883B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD847 represents a breakthrough in high speed amplifiers offering superior ac & dc performance and low power, all at low cost. The excellent dc performance is demonstrated by its ± 5 V specifications which include an open-loop gain of 3500 V/V (500 Ohm load) and low input offset voltage of 0.5 mV. Common-mode rejection is a minimum of 78 dB. Output voltage swing is ± 3 V into loads as low as 150 Ohm. Analog Devices also offers over 30 other high speed amplifiers from the low noise AD829 (1.7nV/(root)Hz) to the ultimate video amplifier, the AD811, which features 0.01% differential gain and 0.01° differential phase.

Features

Superior Performance High Unity Gain BW: 50 MHz Low Supply Current: 5.3 mA High Slew Rate: 300 V/ μ s Excellent Video Specifications Drives Any Capacitive Load Fast Settling Time to 0.1% (10 V Step): 65 ns

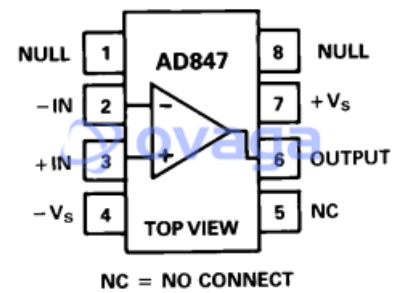
Excellent DC Performance High Open-Loop Gain 5.5 V/mV

Specified for ± 5 V and ± 15 V Operation

Available in a Wide Variety of Options Plastic DIP and SOIC Packages Cerdip Package Die Form MIL-STD-883B Processing Tape & Reel (EIA-481A Standard)

Dual Version Available: AD827 (8 lead)

Enhanced Replacement for LM6361



Related Products



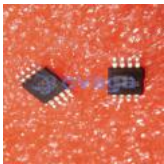
[AD8418BRMZ-RL](#)

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MSOP-8



[ADA4528-2ARMZ-R7](#)

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[ADA4084-2ARMZ](#)

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[AD8062ARMZ](#)

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