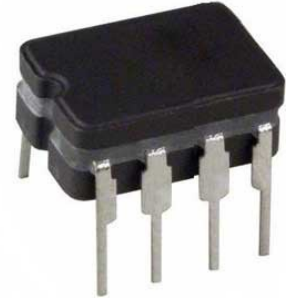


Operational Amplifier, Precision, 1 Amplifier, 4 MHz, 20 V/ $\mu$ s,  $\pm 4.5$ V to  $\pm 18$ V, DIP, 8 Pins

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	CDIP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD711AQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD711 is a high speed, precision monolithic operational amplifier offering high performance at very modest prices. Its very low offset voltage and offset voltage drift are the results of advanced laser wafer trimming technology. These performance benefits allow the user to easily upgrade existing designs that use older precision BiFETs and, in many cases, bipolar op amps.

The superior ac and dc performance of this op amp makes it suitable for active filter applications. With a slew rate of 16 V/ $\mu$ s and a settling time of 1  $\mu$ s to  $\pm 0.01\%$ , the AD711 is ideal as a buffer for 12-bit D/A and A/D Converters and as a high-speed integrator. The settling time is unmatched by any similar IC amplifier.

The combination of excellent noise performance and low input current also make the AD711 useful for photo diode preamps. Common-mode rejection of 88 dB and open loop gain of 400 V/mV ensure 12-bit performance even in high-speed unity gain buffer circuits.

The AD711 is pinned out in a standard op amp configuration and is available in seven performance grades. The AD711J and AD711K are rated over the commercial temperature range of 0°C to +70°C. The AD711A is rated over the industrial temperature range of -40°C to +85°C.

The AD711 is available in an 8-pin plastic mini-DIP, SOIC, small out-line, & cerdip.

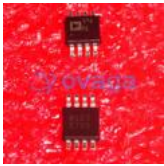
## Features

AC PERFORMANCE Settles to  $\pm 0.01\%$  in 1.0  $\mu$ s 16 V/ $\mu$ s min Slew Rate (AD711J) 3 MHz min Unity Gain Bandwidth (AD711J)

Enhanced Replacement for LF411 and TL081

DC PERFORMANCE 200 V/mV min Open-Loop Gain (AD711K) Available in Plastic Mini-DIP, Plastic SOIC, Hermetic Cerdip, and Hermetic Metal Can Packages

## Related Products



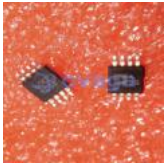
[AD8418BRMZ-RL](#)

Analog Devices, Inc  
MSOP-8



[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc  
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc  
MSOP-8



[AD8062ARMZ](#)

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MSOP8



[AD8567ARUZ](#)

Analog Devices, Inc  
TSSOP-14



[AD8628AUJZ](#)

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SOP23



[AD8022ARMZ](#)

Analog Devices, Inc  
MSOP-8



[AD8041AR](#)

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SOP-8