

IC ADC 12BIT SAR 28SOIC

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-28
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD1674JR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD1674JR is a high-resolution, low-power, 14-bit analog-to-digital converter (ADC) produced by Analog Devices Inc., a leading semiconductor company. It is a part of the AD1674 family of ADCs and is housed in a 28-lead PLCC (Plastic Leaded Chip Carrier) package.

Features

- Resolution: 14 bits
- Sampling Rate: Up to 500 kSPS (kilo samples per second)
- Input Voltage Range: ± 10 V
- Low Power Consumption: Typically 60 mW at 5 V supply voltage
- Wide Supply Voltage Range: +4.75 V to +5.25 V
- Digital Interface: Parallel, CMOS/TTL compatible
- On-Chip Track-and-Hold (T/H) Function: Ensures accurate conversion of fast-changing input signals

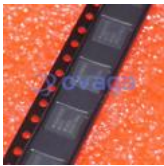
Application

- Industrial Automation: Process control, data acquisition, instrumentation
- Test and Measurement: Precision measurements, data logging
- Medical Instruments: Patient monitoring, medical imaging
- Communications: Base station receivers, signal analysis
- Scientific Instruments: Spectroscopy, chromatography

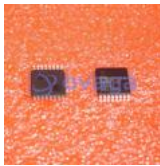




Related Products



[ADAS3022BCPZ](#)
Analog Devices, Inc
LFCSP-40



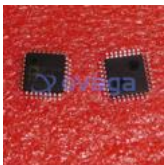
[AD7266BSUZ](#)
Analog Devices, Inc
TQFP-32



[AD574AJNZ](#)
Analog Devices, Inc
PDIP-28



[AD7401YRWZ](#)
Analog Devices, Inc
SOIC-16



[AD7938BSUZ](#)
Analog Devices, Inc
TQFP-32



[AD7192BRUZ-REEL](#)
Analog Devices, Inc
TSSOP-24



[AD7124-8BCPZ-RL7](#)
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[AD9680BCPZ-500](#)
Analog Devices, Inc
LFCSP-64