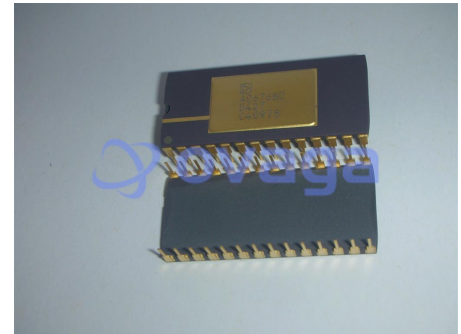


1-Channel Single ADC SAR 100ksps 16-bit Parallel 28-Pin SBCDIP Tube

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



Images are for reference only

Please submit RFQ for AD676BD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

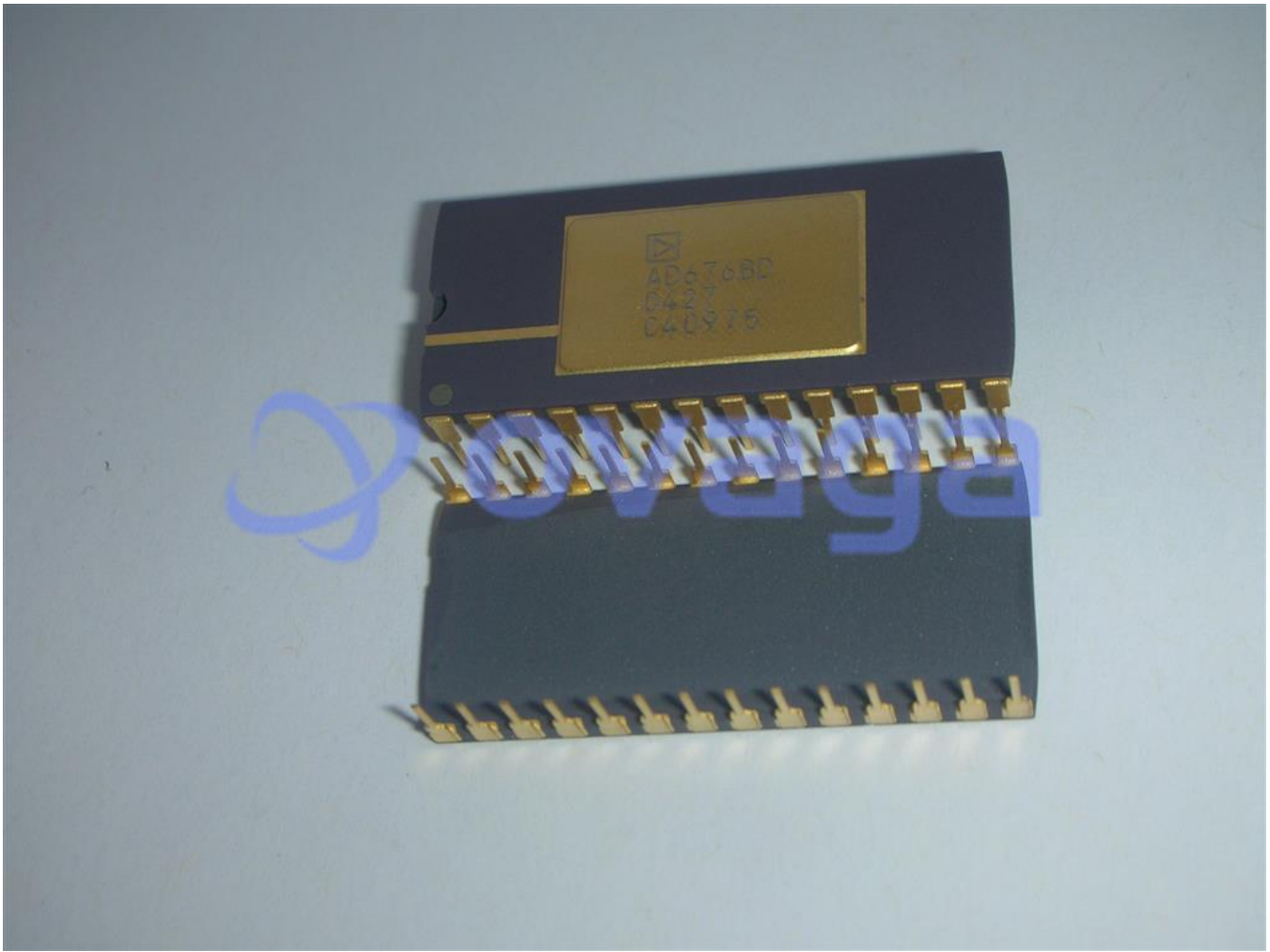
AD676BD is a precision analog-to-digital converter (ADC) manufactured by Analog Devices Inc., which is a leading semiconductor company specializing in data conversion, signal processing, and other analog and digital technologies.

Features

- Resolution: 16 bits
- Sampling Rate: Up to 100 kSPS (kilo samples per second)
- Input Voltage Range: ± 10 V
- Differential Input Channels: 1
- Integrated Reference: Yes, with programmable gain amplifier (PGA)
- Power Supply: +5 VDC
- Interface: Parallel or serial (SPI, QSPI, MICROWIRE) output
- Operating Temperature Range: -40°C to $+85^{\circ}\text{C}$
- Package Type: DIP (Dual In-Line Package) or SOIC (Small Outline Integrated Circuit)

Application

- Precision measurement and data acquisition systems
- Industrial process control and automation
- Medical and scientific instrumentation
- Audio and video signal processing
- Communications systems
- Power monitoring and control



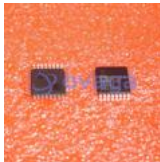


Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-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](#)

Analog Devices, Inc

LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc

LFCSP-64