

Analog to Digital Converters - ADC Data Acquisition System IC 12-Bit

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



Images are for reference only

Please submit RFQ for AD7874AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

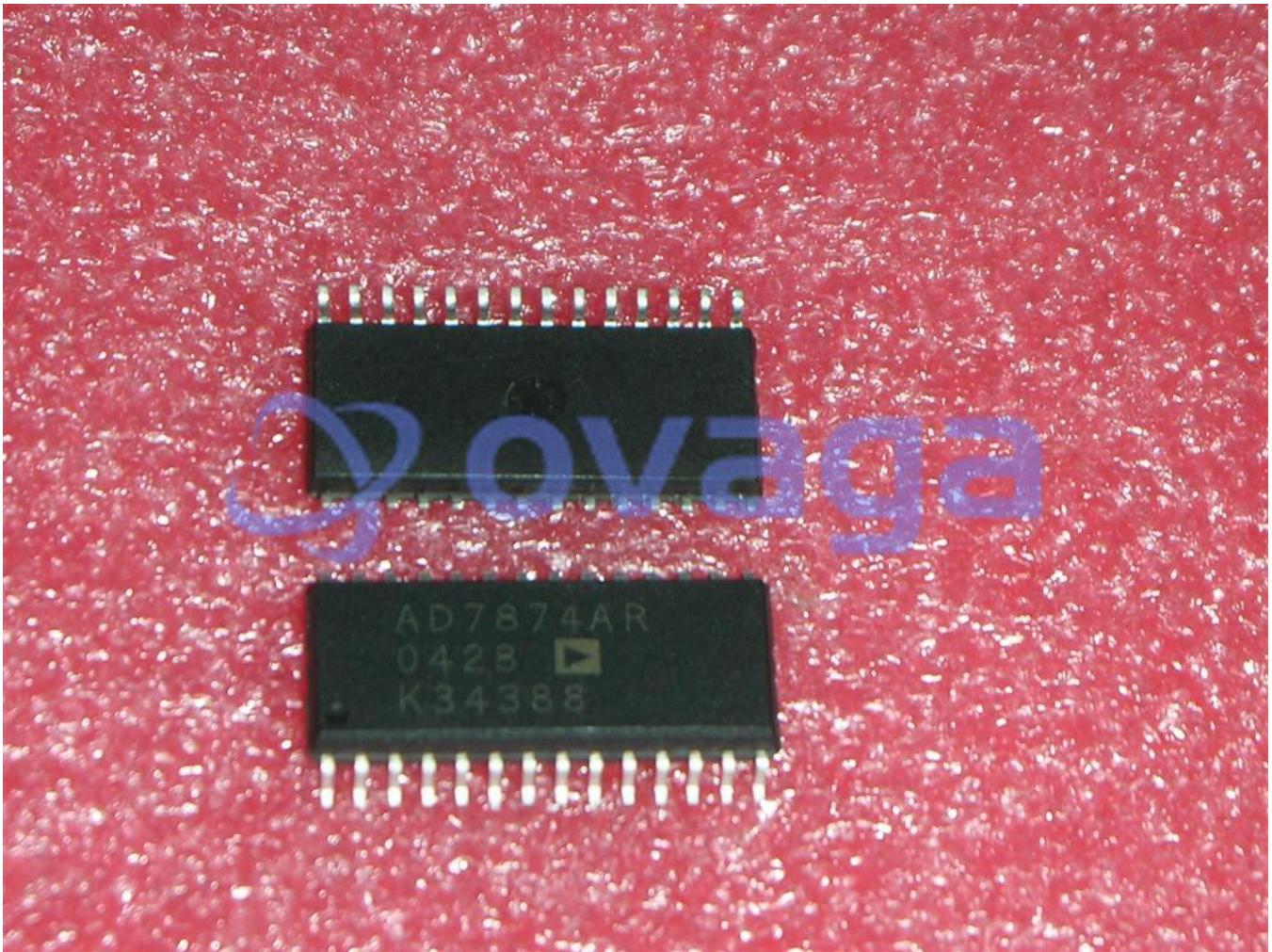
AD7874AR is a 12-bit successive approximation analog-to-digital converter (ADC) manufactured by Analog Devices Inc. It is a high-speed, low-power, four-channel ADC with an on-chip track/hold circuit.

Features

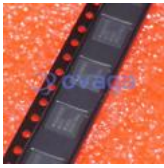
- 12-bit resolution
- Four input channels
- Sampling rate of up to 100 kSPS (thousand samples per second)
- Low power consumption: 3.3 mW at 100 kSPS
- On-chip track/hold circuit
- Single-supply operation: 2.7 V to 5.25 V
- Serial interface: SPI and Microwire compatible
- Temperature range: -40°C to +85°C

Application

- Process control and industrial automation
- Medical equipment
- Data acquisition systems
- Instrumentation
- Communications equipment
- Automotive systems

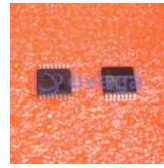


Related Products



[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](#)

Analog Devices, Inc
LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64