

CAPACITOR, 0805 4.7NF 50V CAPACITOR, 0805 4.7NF 50V;
 CAPACITANCE:4700PF; VOLTAGE RATING, DC:50V; CAPACITOR DIELECTRIC
 TYPE:CERAMIC MULTI-LAYER; SERIES:B37941; TOLERANCE, :10%;
 TOLERANCE, -:10%; TEMP, OP. MAX:125(DEGREE C); TEMP, OP. RoHS Compliant:
 Y



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	DIP-28
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	

Please submit RFQ for AD9048JQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours. [RFQ](#)

General Description

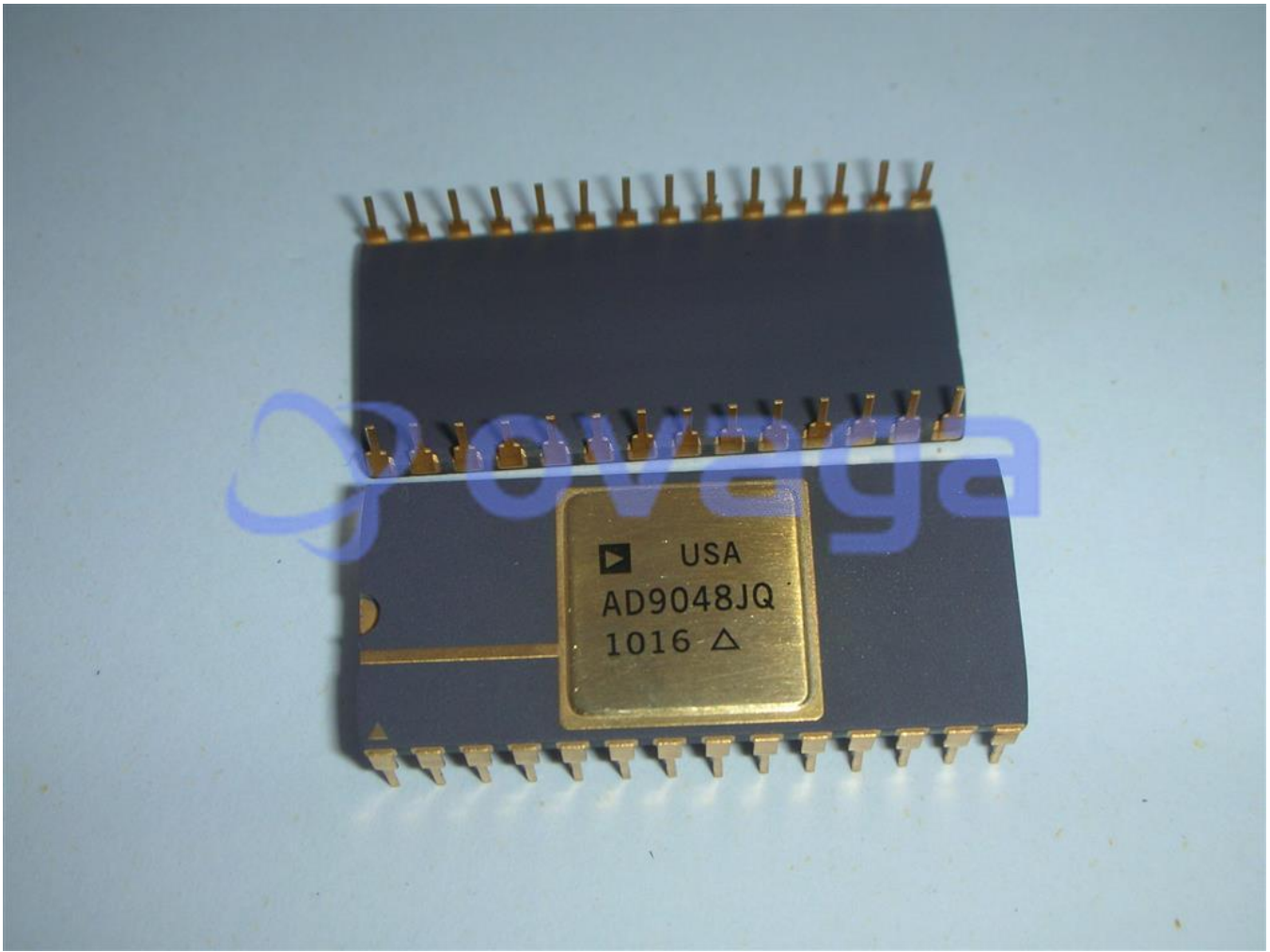
AD9048JQ is a high-performance, 8-bit monolithic analog-to-digital converter (ADC) manufactured by Analog Devices, Inc.

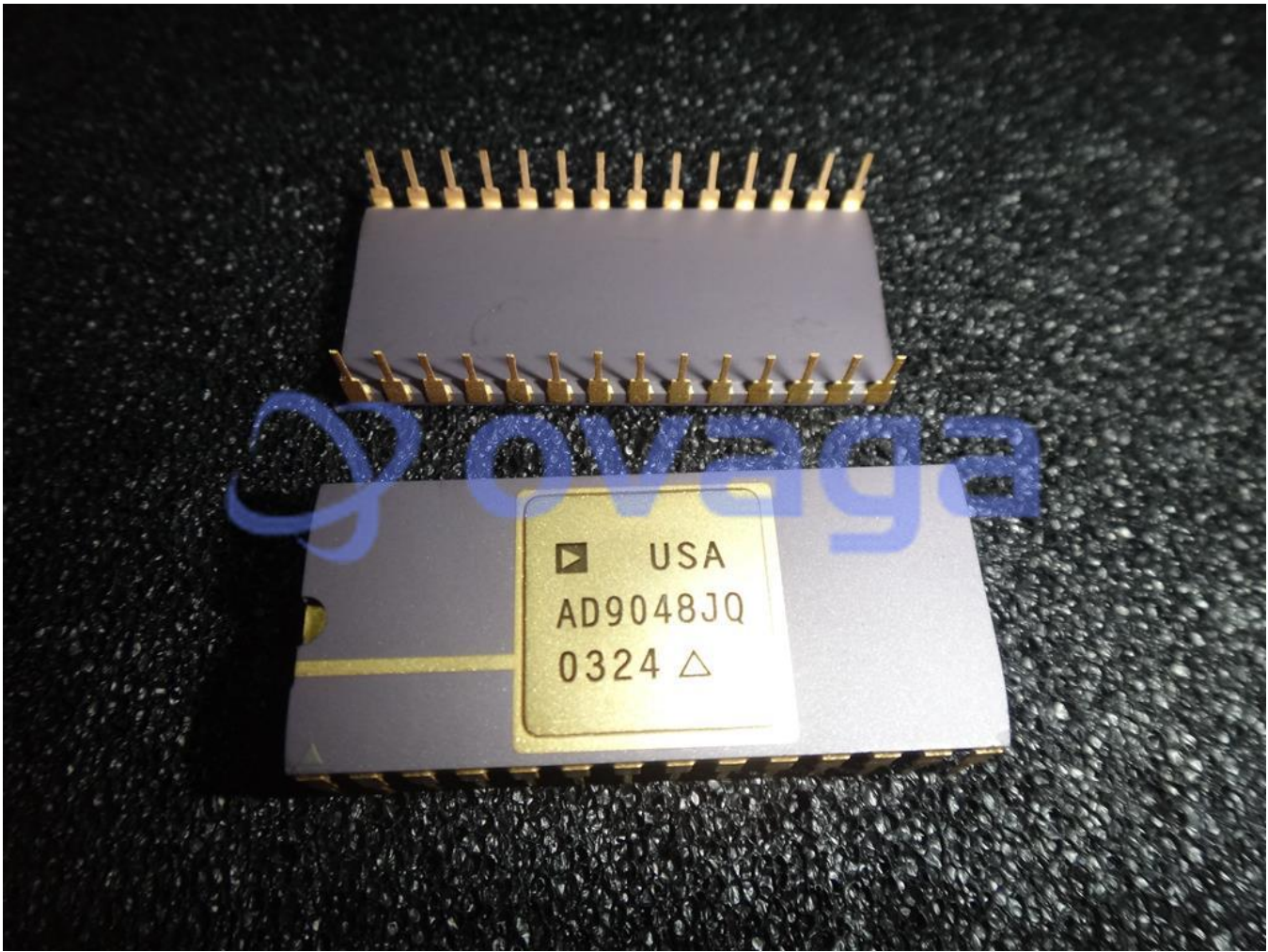
Features

- 8-bit resolution
- Sampling rate up to 100 megasamples per second (MSPS)
- Low power consumption (typically 550 mW)
- Integral nonlinearity (INL) of ± 0.5 LSB maximum
- Signal-to-noise ratio (SNR) of 47 dB minimum at Nyquist input frequency
- Spurious-free dynamic range (SFDR) of 60 dB minimum at Nyquist input frequency
- Internal sample-and-hold circuitry
- Parallel digital outputs

Application

- Digital oscilloscopes
- High-speed data acquisition systems
- Instrumentation and control systems
- Radar and sonar receivers
- Communications systems





Related Products



[ADUM1300](#)

Analog Devices, Inc



[ADL5310ACPZ](#)

Analog Devices, Inc
LFCSP-24



[ADG5409BCPZ](#)

Analog Devices, Inc
LFCSP-16



[ADG3308BCPZ](#)

Analog Devices, Inc
20LFCSP



[ADR391AUJZ](#)

Analog Devices, Inc
SOT23-5



[ADCMP600BKSZ](#)

Analog Devices, Inc
SC-70-5



[ADM7171ACPZ](#)

Analog Devices, Inc
LFCSP8



[ADCMP601BKSZ](#)

Analog Devices, Inc
SC70