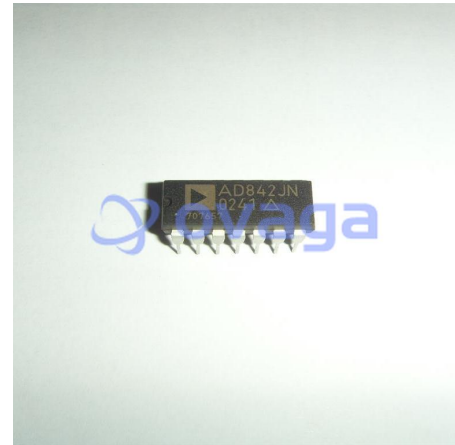


XTAL MTL T/H HC49/U

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	DIP14
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD842JN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

AD842JN is a high precision, low noise, low drift, and high gain bandwidth product instrumentation amplifier manufactured by Analog Devices Inc.

### Features

Low offset voltage: 25  $\mu$ V maximum

Low input bias current: 10 nA maximum

Low input voltage noise: 0.45 nV/ $\sqrt{\text{Hz}}$  at 1 kHz

High open-loop gain: 1,000,000 minimum

Gain bandwidth product: 3.5 MHz

Wide supply voltage range:  $\pm 2.5$  V to  $\pm 18$  V Transducer interfacing

Low power consumption: 2.5 mA maximum

### Application

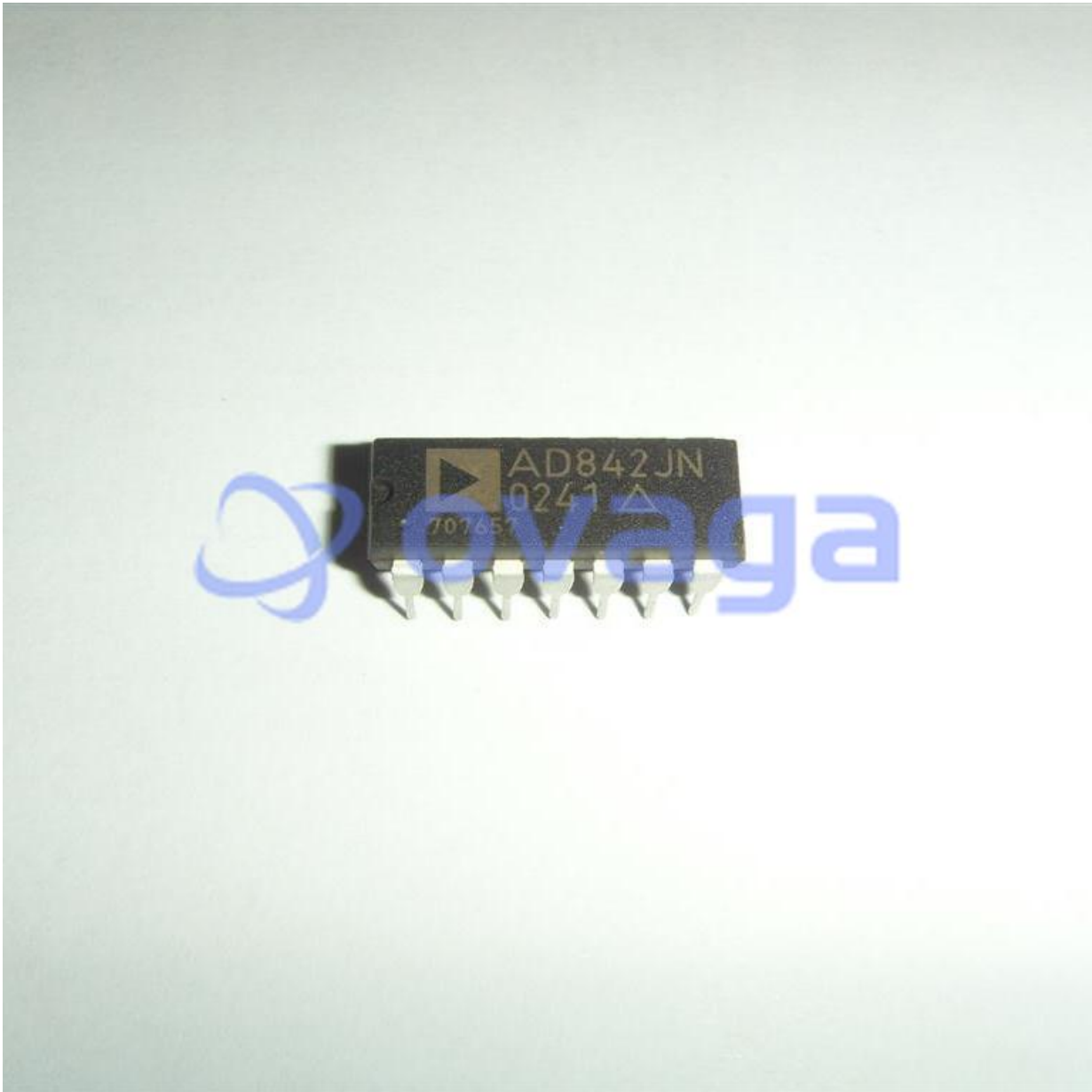
Precision signal amplification in medical instrumentation, analytical equipment, and data acquisition systems

High-accuracy data acquisition and measurement systems

High-resolution industrial process control

Strain gauge and bridge sensor signal conditioning

Temperature and pressure sensor signal conditioning



## 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