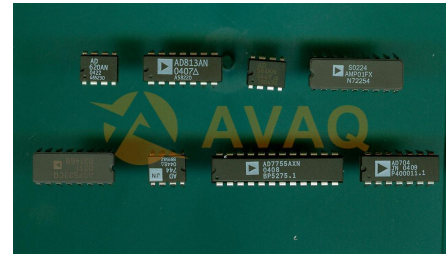


INST Amp Single $\pm 18V$ 8-Pin PDIP N Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	DIP8
Product Type:	Amplifier ICs
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

AD620AN is a low-cost, high-precision instrumentation amplifier manufactured by Analog Devices Inc. It is a popular choice in electronic circuits that require accurate and stable amplification of small differential signals, such as those produced by sensors, transducers, and thermocouples.

Key Features

High accuracy: gain error of 0.08%, offset voltage of 50 μV , and input bias current of 1.5 nA.

Low noise: 9 nV/ \sqrt{Hz} input voltage noise.

Wide input voltage range: ± 200 mV to ± 100 V.

Single or dual power supply operation.

Low power consumption: 1.3 mA typical supply current.

Small package: 8-lead PDIP, SOIC, and MSOP.

Application

Medical instrumentation: ECG, EEG, blood pressure monitors, and pulse oximeters.

Industrial process control: temperature and pressure sensors, strain gauges, and flow meters.

Weigh scales and load cells.

Audio amplifiers and preamplifiers.

Bridge amplifiers for data acquisition systems.

Current sensing circuits.



Recommended For You

AD8309ARUZ

Analog Devices, Inc
TSSOP16

AD524BDZ

Analog Devices, Inc
CDIP-16

AD8221BR

Analog Devices, Inc
SOP-8

AD8221ARZ

Analog Devices, Inc
SOP8

AD627BRZ

Analog Devices, Inc
SOP8

AD622ANZ

Analog Devices, Inc
DIP8

ADA4930-2YCPZ-R7

Analog Devices, Inc
LFCSP24

AD8034ARZ

Analog Devices, Inc
SOP8

AD8561ARZ

Analog Devices, Inc
SOP8

AD633JRZ

Analog Devices, Inc
SOP8

AD632AH

Analog Devices, Inc
CAN10

AD8422BRZ

Analog Devices, Inc
SOP8

ADCMP600BKSZ-R2

Analog Devices, Inc
SC70-5

AD620BN

Analog Devices, Inc
DIP8

AD620BR

Analog Devices, Inc
SOP