

## INST Amp Single R-R O/P $\pm 18V/36V$ 8-Pin SOIC N Tube

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** SOP8

**Product Type:** Amplifier ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

AD627BRZ is an instrumentation amplifier (in-amp) manufactured by Analog Devices Inc. It is a precision amplifier that provides a high level of accuracy and stability in amplifying small differential signals.

### Key Features

High common-mode rejection ratio (CMRR) of up to 120 dB

Low offset voltage and drift

Wide input voltage range

Low noise and distortion

High gain accuracy and stability over temperature and time

### Application

Medical instrumentation such as ECG, EEG, and blood pressure monitors

Industrial process control and automation

Weigh scale and strain gauge amplification

Precision data acquisition and measurement systems



## FUNCTIONAL BLOCK DIAGRAM

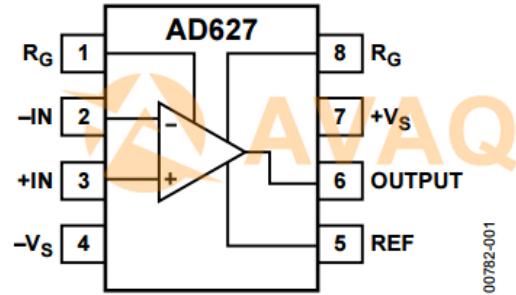


Figure 1. 8-Lead PDIP (N) and SOIC<sub>N</sub> (R)

## 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

### AD622ANZ

Analog Devices, Inc

DIP8

### ADA4930-2YCPZ-R7

Analog Devices, Inc

LFCS24

### 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

### AD204JY

Analog Devices, Inc

DIP