


## INST Amp Single ±18V 8-Pin PDIP Tube

<b>Manufacturer:</b>	<u>Texas Instruments, Inc</u>
<b>Package/Case:</b>	DIP8
<b>Product Type:</b>	Amplifier ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

The INA128 and INA129 are low-power, general purpose instrumentation amplifiers offering excellent accuracy. The versatile 3-op amp design and small size make these amplifiers ideal for a wide range of applications. Current-feedback input circuitry provides wide bandwidth even at high gain (200 kHz at  $G = 100$ ). A single external resistor sets any gain from 1 to 10,000. The INA128 provides an industry-standard gain equation; the INA129 gain equation is compatible with the AD620.

The INA12x is available in 8-pin plastic DIP and SO-8 surface-mount packages, specified for the  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  temperature range. The INA128 is also available in a dual configuration, the INA2128.

The upgraded INA828 offers a lower input bias current (0.6 nA maximum) and lower noise ( $7 \text{ nV}/\sqrt{\text{Hz}}$ ) at the same quiescent current. See the Device Comparison Table for a selection of precision instrumentation amplifiers from Texas Instruments.

## Key Features

A newer version of this device is now available: INA828

Low drift:  $0.5 \mu\text{V}/^{\circ}\text{C}$  maximum

Low Input Bias Current: 5 nA maximum

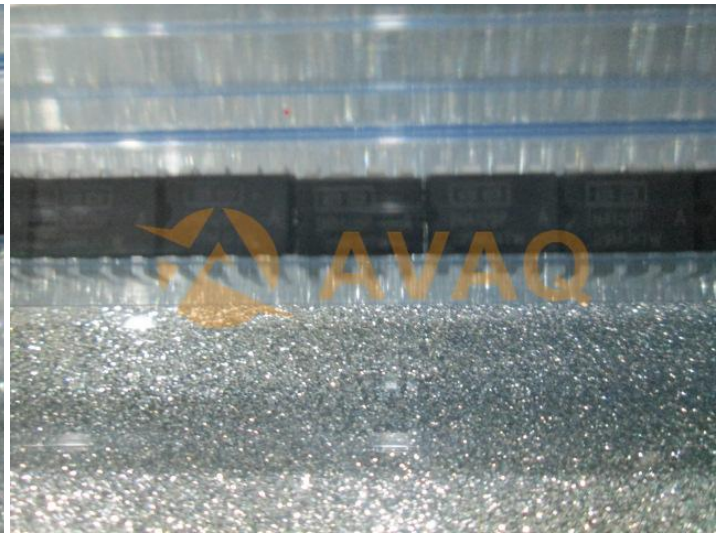
High CMR: 120 dB minimum

Inputs protected to  $\pm 40 \text{ V}$

Wide supply range:  $\pm 2.25 \text{ V}$  to  $\pm 18 \text{ V}$

Low quiescent current: 700  $\mu\text{A}$

Packages: 8-pin plastic DIP, SO-8



## Recommended For You

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### **INA823DT**

Texas Instruments, Inc  
SOP8

### **INA333AIDRGR**

Texas Instruments, Inc  
SON-8

### **INA101AM**

Texas Instruments, Inc  
CAN10

### **INA141UA**

Texas Instruments, Inc  
SOP8

### **INA111AP**

Texas Instruments, Inc  
DIP8

### **INA101AG**

Texas Instruments, Inc  
DIP

### **INA116UA**

Texas Instruments, Inc  
SOP16

### **INA333AIDRGT**

Texas Instruments, Inc  
SON8

### **INA101SM**

Texas Instruments, Inc  
CAN10

### **INA129PA**

Texas Instruments, Inc  
DIP8

### **INA101CM**

Texas Instruments, Inc  
CAN10

### **INA141PA**

Texas Instruments, Inc  
DIP

### **TLV2254IN**

Texas Instruments, Inc  
DIP-14

### **TLV2464IN**

Texas Instruments, Inc  
DIP14

### **INA2126UA**

Texas Instruments, Inc  
SOP16