
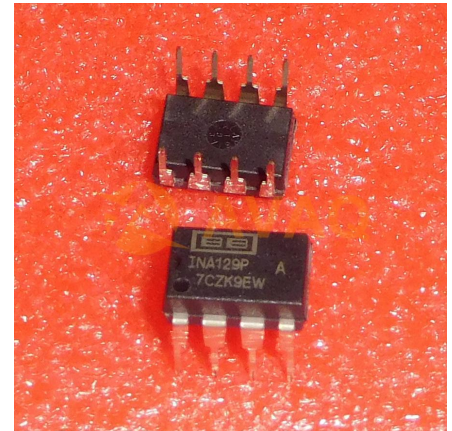


INST Amp Single $\pm 18V$ 8-Pin PDIP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP8
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	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°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A newer version of this device is now available: INA828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 offset voltage: 50 μV maximum

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

Low Input Bias Current: 5 nA maximum

High CMR: 120 dB minimum

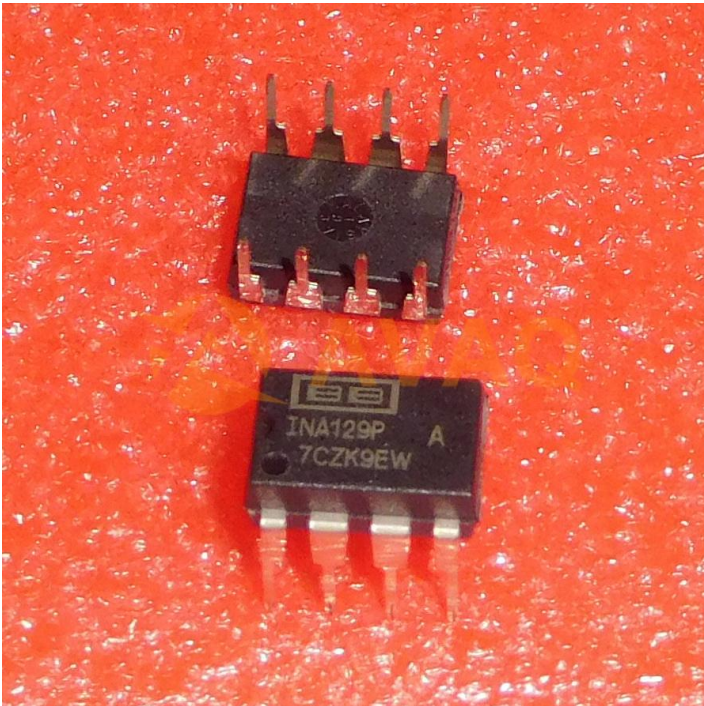
Inputs protected to $\pm 40 \text{ V}$

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

Low quiescent current: 700 μA

Packages: 8-pin plastic DIP, SO-8

All trademarks are the property of their respective owners.



Recommended For You

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

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

INA117P

Texas Instruments, Inc
DIP8