
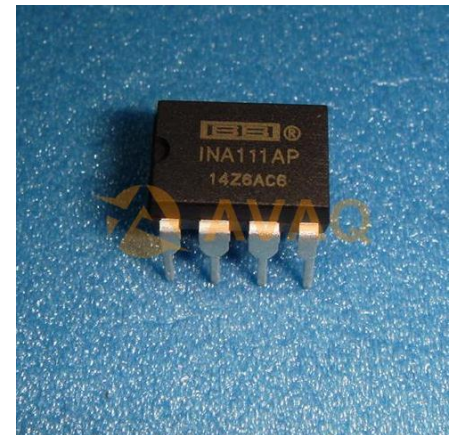


INST Amp Single $\pm 18V$ 8-Pin PDIP Tube

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 INA111 is a high speed, FET-input instrumentation amplifier offering excellent performance.

The INA111 uses a current-feedback topology providing extended bandwidth (2MHz at G = 10) and fast settling time (4 μ s to 0.01% at G = 100). A single external resistor sets any gain from 1 to over 1000.

Offset voltage and drift are laser trimmed for excellent DC accuracy. The INA111's FET inputs reduce input bias current to under 20pA, simplifying input filtering and limiting circuitry.

The INA111 is available in 8-pin plastic DIP, and SOL-16 surface-mount packages, specified for the -40°C to +85°C temperature range.

Key Features

FET INPUT: $I_B = 20pA$ max

HIGH SPEED: $T_S = 4\mu s$ (G = 100, 0.01%)

LOW OFFSET VOLTAGE: 500 μV max

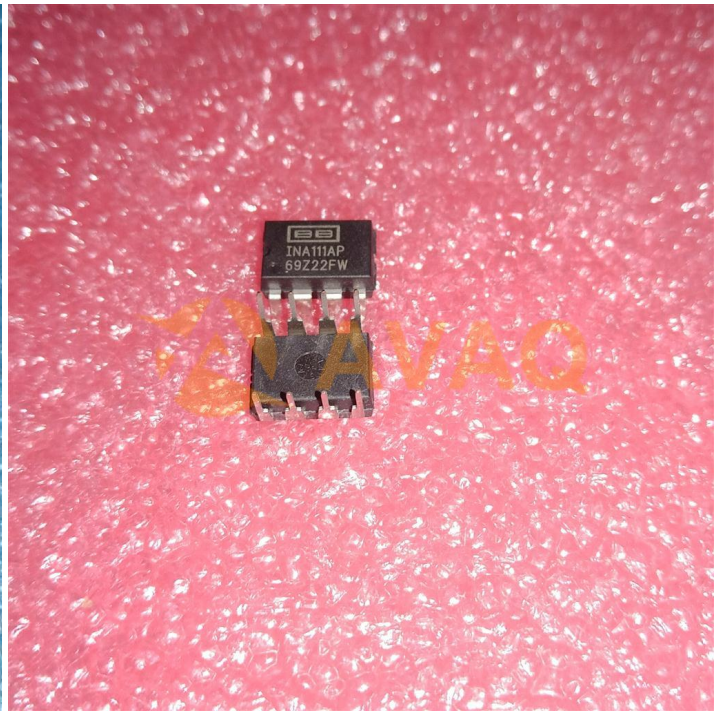
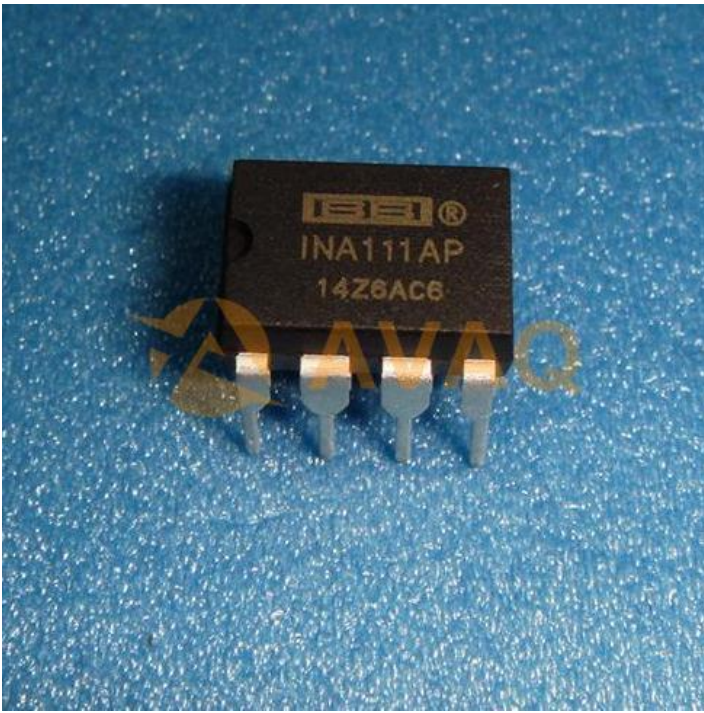
LOW OFFSET VOLTAGE DRIFT: 5 $\mu V/^\circ C$ max

HIGH COMMON-MODE REJECTION: 106dB min

8-PIN PLASTIC DIP, SOL-16 SOIC

APPLICATIONS
MEDICAL INSTRUMENTATION

DATA ACQUISITION



Recommended For You

INA823DT

Texas Instruments, Inc

SOP8

INA333AIDRGR

Texas Instruments, Inc

SON-8

INA101AM

Texas Instruments, Inc

CAN10

INA141UA

Texas Instruments, Inc

SOP8

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

INA117P

Texas Instruments, Inc

DIP8