
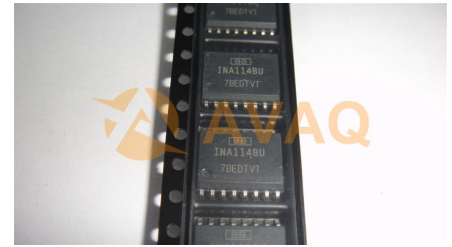


## INST Amp Single $\pm 18V$ 16-Pin SOIC Tube

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	SOP16
<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 INA114 is a low cost, general purpose instrumentation amplifier offering excellent accuracy. Its versatile 3-op amp design and small size make it ideal for a wide range of applications.

A single external resistor sets any gain from 1 to 10,000. Internal input protection can withstand up to  $\pm 40V$  without damage.

The INA114 is laser trimmed for very low offset voltage ( $50\mu V$ ), drift ( $0.25\mu V/^\circ C$ ) and high common-mode rejection (115dB at  $G = 1000$ ). It operates with power supplies as low as  $\pm 2.25V$ , allowing use in battery operated and single 5V supply systems. Quiescent current is 3mA maximum.

The INA114 is available in 8-pin plastic and ceramic DIPs, and SOL-16 surface-mount packages, specified for the  $-40^\circ C$  to  $+85^\circ C$  temperature range.

### Key Features

LOW OFFSET VOLTAGE:  $50\mu V$  max

LOW DRIFT:  $0.25\mu V/^\circ C$  max

LOW INPUT BIAS CURRENT: 2nA max

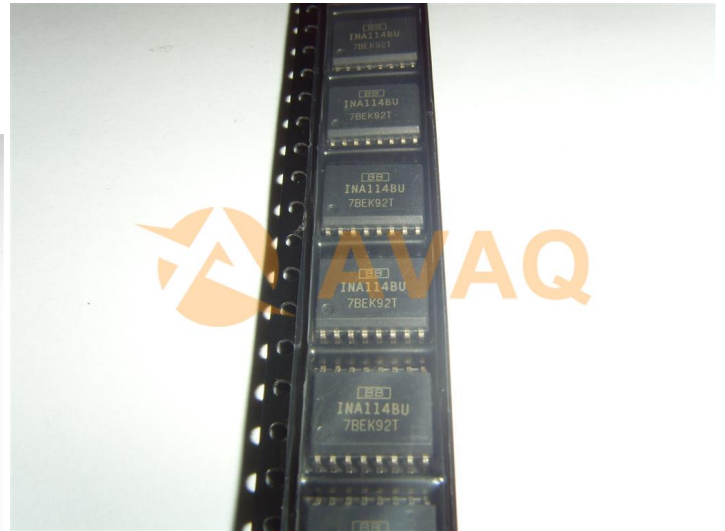
HIGH COMMON-MODE REJECTION: 115dB min

INPUT OVER-VOLTAGE PROTECTION:  $\pm 40V$

WIDE SUPPLY RANGE:  $\pm 2.25$  to  $\pm 18V$

LOW QUIESCENT CURRENT: 3mA max

8-PIN PLASTIC AND CERAMIC DIP, SOL-16



## 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

### 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