



### **INA101KU Information**



For Reference Only

Part Number INA101KU

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR 300KHZ 16SOIC **Package** 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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# **Certified Quality**

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## **INA101KU Specifications**

Manufacturer Part Number       INA101KU         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       16-SOIC (0.295", 7.50mm Width)         Series       -         Amplifier Type       Instrumentation         Number of Circuits       1         Output Type       -         Slew Rate       0.4 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       300kHz         Current - Input Bias       15nA         Voltage - Input Offset       125μV         Current - Supply       6.7mA         Current - Output / Channel       10mA         Voltage - Supply, Single/Dual (±)       ±5 V ~ 20 V         Operating Temperature       0°C ~ 70°C         Mounting Time       Supface Mounts		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 16-SOIC (0.295", 7.50mm Width) Series - Amplifier Type Instrumentation Number of Circuits 1 Output Type - Slew Rate 0.4 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth Current - Input Bias 15nA Voltage - Input Offset 125 $\mu$ V Current - Supply 6.7mA Current - Output / Channel 10mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 5 V ~ 20 V Operating Temperature 0°C ~ 70°C	Manufacturer Part Number	INA101KU
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package 16-SOIC (0.295", 7.50mm Width)  Series -  Amplifier Type Instrumentation  Number of Circuits 1  Output Type -  Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product -  -3db Bandwidth Sandwidth 300kHz  Current - Input Bias 15nA  Voltage - Input Offset 125 $\mu$ V  Current - Output / Channel 10mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 5 V ~ 20 V  Operating Temperature 0°C ~ 70°C	Category	Integrated Circuits (ICs)
Series - Amplifier Type Instrumentation   Number of Circuits 1   Output Type - Slew Rate 0.4 V/ $\mu$ s   Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth Solve Input Bias 15nA  Voltage - Input Offset 125 $\mu$ V  Current - Supply 6.7mA  Current - Output / Channel 10mA  Voltage - Supply, Single/Dual (±) $\pm 5$ V $\sim 20$ V  Operating Temperature $0^{\circ}$ C $\sim 70^{\circ}$ C	Package	16-SOIC (0.295", 7.50mm Width)
Number of Circuits 1 Output Type - Slew Rate 0.4 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth Sandwidth 300kHz Current - Input Bias 15nA Voltage - Input Offset 125 $\mu$ V Current - Supply 6.7mA Current - Output / Channel 10mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 5 V ~ 20 V Operating Temperature 0°C ~ 70°C	Series	-
Output Type - Slew Rate 0.4 V/ $\mu$ s Gain Bandwidth Product 3db Bandwidth 300kHz   Current - Input Bias 15nA   Voltage - Input Offset 125 $\mu$ V   Current - Supply 6.7mA   Current - Output / Channel 10mA   Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 5 V ~ 20 V   Operating Temperature 0°C ~ 70°C	Amplifier Type	Instrumentation
Slew Rate $0.4 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $300\text{kHz}$ Current - Input Bias $15\text{nA}$ Voltage - Input Offset $125\mu\text{V}$ Current - Supply $6.7\text{mA}$ Current - Output / Channel $10\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 5 \text{ V} \sim 20 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.4 V/μs
Current - Input Bias 15nA Voltage - Input Offset 125 $\mu$ V Current - Supply 6.7mA Current - Output / Channel 10mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 5 V ~ 20 V Operating Temperature 0°C ~ 70°C	Gain Bandwidth Product	-
Voltage - Input Offset	-3db Bandwidth	300kHz
Current - Supply $6.7 \text{mA}$ Current - Output / Channel $10 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 5 \text{ V} \sim 20 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Current - Input Bias	15nA
Current - Output / Channel $10mA$ Voltage - Supply, Single/Dual (±) $\pm 5 \text{ V} \sim 20 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Voltage - Input Offset	125μV
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 5 \text{ V} \sim 20 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Current - Supply	6.7mA
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Current - Output / Channel	10mA
	Voltage - Supply, Single/Dual (±)	±5 V ~ 20 V
Mounting Type	Operating Temperature	0°C ~ 70°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 16-SOIC (0.295", 7.50mm Width)	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report erro		Report errors?

### **INA101KU Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **INA101KU Payment Methods**



















### **INA101KU Shipping Methods**













If you have any question about INA101KU, please do not hesitate to contact us!

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