



### **INA111AU Information**



For Reference Only

Part Number INA111AU

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR 2MHZ 16SOIC **Package** 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **INA111AU Specifications**

Manufacturer Part Number       INA111AU         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       17 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       2MHz         Current - Input Bias       2pA         Voltage - Input Offset       200μV         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       ±6 V ~ 18 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package (Case       16 SOIC (0.395", 7.50mm Wighth)		
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       17 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       2MHz         Current - Input Bias       2pA         Voltage - Input Offset       200μV         Current - Supply       3.3mA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       ±6 V ~ 18 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer Part Number	INA111AU
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package16-SOIC (0.295", 7.50mm Width)Series-Amplifier TypeInstrumentationNumber of Circuits1Output Type-Slew Rate17 V/μsGain Bandwidth Product3db Bandwidth2MHzCurrent - Input Bias2pAVoltage - Input Offset200μVCurrent - Supply3.3mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)±6 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series - Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 17 $V/\mu$ s  Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 17 $V/\mu s$ Gain Bandwidth Product3db Bandwidth 2MHz  Current - Input Bias 2pA  Voltage - Input Offset 200 $\mu V$ Current - Supply 3.3mA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 6 \ V \sim 18 \ V$ Operating Temperature -40°C $\sim 85$ °C  Mounting Type Surface Mount	Package	16-SOIC (0.295", 7.50mm Width)
Number of Circuits 1 Output Type - Slew Rate 17 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth 2MHz Current - Input Bias 2pA Voltage - Input Offset 200 $\mu$ V Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 6 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Series	-
Output Type - Slew Rate 17 V/ $\mu$ s Gain Bandwidth Product 3db Bandwidth 2MHz   Current - Input Bias 2pA   Voltage - Input Offset 200 $\mu$ V   Current - Supply 3.3mA   Current - Output / Channel 30mA   Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 6 V ~ 18 V   Operating Temperature $-40^{\circ}$ C ~ 85°C   Mounting Type Surface Mount	Amplifier Type	Instrumentation
Slew Rate 17 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 2MHz  Current - Input Bias 2pA  Voltage - Input Offset 200 $\mu$ V  Current - Supply 3.3mA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 6 V ~ 18 V  Operating Temperature $-40^{\circ}$ C ~ 85°C  Mounting Type Surface Mount	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth  Current - Input Bias  2pA  Voltage - Input Offset  200 $\mu$ V  Current - Supply  3.3mA  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ )  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount	Output Type	-
$-3db \ Bandwidth \\ Current - Input \ Bias \\ Voltage - Input \ Offset \\ 200 \mu V \\ Current - Supply \\ 3.3 mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) \pm 6 \ V \sim 18 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount$	Slew Rate	17 V/μs
Current - Input Bias $2pA$ Voltage - Input Offset $200\mu V$ Current - Supply $3.3mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 6 V \sim 18 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Gain Bandwidth Product	-
Voltage - Input Offset	-3db Bandwidth	2MHz
Current - Supply $3.3 mA$ Current - Output / Channel $30 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 6 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Input Bias	2pA
Current - Output / Channel $30 \text{mA}$ Voltage - Supply, Single/Dual (±) $\pm 6 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Voltage - Input Offset	$200\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 6$ V ~ 18 V Operating Temperature $-40^{\circ}$ C ~ $85^{\circ}$ C Mounting Type Surface Mount	Current - Supply	3.3mA
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Current - Output / Channel	30mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	±6 V ~ 18 V
	Operating Temperature	-40°C ~ 85°C
Package / Case 16 SOIC (0.295", 7.50mm Width)	Mounting Type	Surface Mount
1 ackage / Case 10-3OIC (0.253, 7.30IIIII WIGHT)	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors		Report errors?

### **INA111AU 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.

# **INA111AU Payment Methods**



















### **INA111AU Shipping Methods**













If you have any question about INA111AU, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com