

## **PGA205AU Information**



For Reference Only

Part Number PGA205AU

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR 1MHZ 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



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# **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.









# **PGA205AU Specifications**

$\begin{array}{llllllllllllllllllllllllllllllllllll$		
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       0.7 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       1MHz         Current - Input Bias       500pA         Voltage - Input Offset       25μV         Current - Supply       5.2mA         Current - Output / Channel       23mA	Manufacturer Part Number	PGA205AU
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package 16-SOIC (0.295", 7.50mm Width)  Series -  Amplifier Type Instrumentation  Number of Circuits 1  Output Type -  Slew Rate 0.7 V/µs  Gain Bandwidth Product -  -3db Bandwidth Product -  -3db Bandwidth 1MHz  Current - Input Bias 500pA  Voltage - Input Offset 25µV  Current - Supply 5.2mA  Current - Output / Channel 23mA	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         Instrumentation           Number of Circuits         1           Output Type         -           Slew Rate         0.7 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         1MHz           Current - Input Bias         500pA           Voltage - Input Offset         25μV           Current - Supply         5.2mA           Current - Output / Channel         23mA		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeInstrumentationNumber of Circuits1Output Type-Slew Rate0.7 V/μsGain Bandwidth Product3db Bandwidth1MHzCurrent - Input Bias500pAVoltage - Input Offset25μVCurrent - Supply5.2mACurrent - Output / Channel23mA	Package	16-SOIC (0.295", 7.50mm Width)
Number of Circuits1Output Type-Slew Rate0.7 V/μsGain Bandwidth Product3db Bandwidth1MHzCurrent - Input Bias500pAVoltage - Input Offset25μVCurrent - Supply5.2mACurrent - Output / Channel23mA	Series	-
Output Type  Slew Rate  0.7 V/µs  Gain Bandwidth Product  -3db Bandwidth  1MHz  Current - Input Bias  500pA  Voltage - Input Offset  25µV  Current - Supply  5.2mA  Current - Output / Channel  23mA	Amplifier Type	Instrumentation
Slew Rate0.7 V/μsGain Bandwidth Product3db Bandwidth1MHzCurrent - Input Bias500pAVoltage - Input Offset25μVCurrent - Supply5.2mACurrent - Output / Channel23mA	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth  Current - Input Bias  500pA  Voltage - Input Offset  25µV  Current - Supply  5.2mA  Current - Output / Channel  23mA	Output Type	-
-3db Bandwidth 1MHz Current - Input Bias 500pA Voltage - Input Offset 25μV Current - Supply 5.2mA Current - Output / Channel 23mA	Slew Rate	0.7 V/µs
	Gain Bandwidth Product	-
Voltage - Input Offset	-3db Bandwidth	1MHz
Current - Supply 5.2mA Current - Output / Channel 23mA	Current - Input Bias	500pA
Current - Output / Channel 23mA	Voltage - Input Offset	$25\mu V$
-	Current - Supply	5.2mA
Voltage - Supply, Single/Dual ( $\pm$ ) 9 V ~ 36 V, $\pm$ 4.5 V ~ 18 V	Current - Output / Channel	23mA
	Voltage - Supply, Single/Dual (±)	9 V ~ 36 V, ±4.5 V ~ 18 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°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 err		Report errors?

## **PGA205AU 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.

# **PGA205AU Payment Methods**



















## **PGA205AU Shipping Methods**













If you have any question about PGA205AU, please do not hesitate to contact us!

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