

## **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**

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# **PGA205AU Specifications**

Manufacturer Part Number         PGA205AU           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         0.7 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         1MHz           Current - Input Bias         500pA           Voltage - Input Offset         25µV           Current - Supply         5.2mA           Current - Output / Channel         23mA           Voltage - Supply, Single/Dual (±)         9 V ~ 36 V, ±4.5 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         16-SOIC (0.295", 7.50mm Width)		
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Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 0.7 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth IMHz  Current - Input Bias 500pA  Voltage - Input Offset 25 $\mu$ V  Current - Supply 5.2mA  Current - Output / Channel 23mA  Voltage - Supply, Single/Dual ( $\pm$ ) 9 V ~ 36 V, $\pm$ 4.5 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.295", 7.50mm Width)	Package	16-SOIC (0.295", 7.50mm Width)
Number of Circuits 1 Output Type - Slew Rate 0.7 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth Current - Input Bias 500pA Voltage - Input Offset 25 $\mu$ V Current - Supply 5.2mA Current - Output / Channel 23mA Voltage - Supply, Single/Dual (±) 9 V ~ 36 V, ±4.5 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width)	Series	-
Output Type - Slew Rate 0.7 V/ $\mu$ s   Gain Bandwidth Product	Amplifier Type	Instrumentation
Slew Rate 0.7 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 1MHz  Current - Input Bias 500pA  Voltage - Input Offset 25 $\mu$ V  Current - Supply 5.2mA  Current - Output / Channel 23mA  Voltage - Supply, Single/Dual (±) 9 V ~ 36 V, ±4.5 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.295", 7.50mm Width)	Number of Circuits	1
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Type	-
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.7 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	1MHz
Current - Supply $5.2 mA$ Current - Output / Channel $23 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $9 \text{ V} \sim 36 \text{ V}, \pm 4.5 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $16\text{-SOIC}$ ( $0.295$ ", $7.50 mm$ Width)	Current - Input Bias	500pA
Current - Output / Channel 23mA   Voltage - Supply, Single/Dual ( $\pm$ ) 9 V ~ 36 V, $\pm$ 4.5 V ~ 18 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount   Package / Case 16-SOIC (0.295", 7.50mm Width)	Voltage - Input Offset	25μV
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Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width)	Voltage - Supply, Single/Dual (±)	9 V ~ 36 V, ±4.5 V ~ 18 V
Package / Case 16-SOIC (0.295", 7.50mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors		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!

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