



# **OP42GPZ Information**

wy ne ener.com

For Reference Only

Part Number OP42GPZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP JFET 10MHZ 8DIP

**Package** 8-DIP (0.300", 7.62mm)

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.









# **OP42GPZ Specifications**

Manufacturer Part Number  Manufacturer  Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-DIP (0.300", 7.62mm)  Series  - Amplifier Type  J-FET  Number of Circuits  1 Output Type  Slew Rate  50 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  33mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  8-DIP (0.300", 7.62mm)		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-DIP (0.300", 7.62mm)  Series  - Amplifier Type  J-FET  Number of Circuits  1 Output Type  - Slew Rate  50 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  130pA  Voltage - Input Offset  1.5mV  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  48 V ~ 20 V  Operating Temperature  40°C ~ 85°C  Mounting Type  Instrumentation, OP Amps, Buffer Amps  8-DIP (0.300", 7.62mm)  - Camps  - Supply  - Supply  Supply  Supply  Supply  Supply  Through Hole	Manufacturer Part Number	OP42GPZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-DIP (0.300", 7.62mm)  Series -  Amplifier Type J-FET  Number of Circuits 1  Output Type -  Slew Rate 50 V/µs  Gain Bandwidth Product 10MHz  -3db Bandwidth -  Current - Input Bias 130pA  Voltage - Input Offset 1.5mV  Current - Output / Channel 33mA  Voltage - Supply, Single/Dual (±) ±8 V ~ 20 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole	Manufacturer	Analog Devices Inc.
Package 8-DIP (0.300", 7.62mm)  Series - Amplifier Type J-FET  Number of Circuits 1 Output Type - Slew Rate 50 V/µs  Gain Bandwidth Product 10MHz -3db Bandwidth - Current - Input Bias 130pA  Voltage - Input Offset 1.5mV  Current - Supply 5.1mA  Current - Output / Channel 33mA  Voltage - Supply, Single/Dual (±) ±8 V ~ 20 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole	Category	Integrated Circuits (ICs)
Series   -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type J-FET  Number of Circuits 1  Output Type - Slew Rate 50 V/ $\mu$ s  Gain Bandwidth Product 10MHz  -3db Bandwidth - Current - Input Bias 130pA  Voltage - Input Offset 1.5mV  Current - Supply 5.1mA  Current - Output / Channel 33mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 8 V ~ 20 V  Operating Temperature $\pm$ 40°C ~ 85°C  Mounting Type Through Hole	Package	8-DIP (0.300", 7.62mm)
Number of Circuits 1 Output Type - Slew Rate 50 V/ $\mu$ s Gain Bandwidth Product 10MHz -3db Bandwidth - Current - Input Bias 130pA Voltage - Input Offset 1.5mV Current - Supply 5.1mA Current - Output / Channel 33mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 8 V ~ 20 V Operating Temperature $-40^{\circ}$ C ~ 85°C Mounting Type Through Hole	Series	-
Output Type - Slew Rate 50 V/ $\mu$ s Gain Bandwidth Product 10MHz - 3db Bandwidth - Current - Input Bias 130pA Voltage - Input Offset 1.5mV Current - Supply 5.1mA Current - Output / Channel 33mA Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 8 V ~ 20 V Operating Temperature $-40^{\circ}$ C ~ $85^{\circ}$ C Mounting Type Through Hole	Amplifier Type	J-FET
Slew Rate $50 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $10 \text{MHz}$ -3db Bandwidth -  Current - Input Bias $130 \text{pA}$ Voltage - Input Offset $1.5 \text{mV}$ Current - Supply $5.1 \text{mA}$ Current - Output / Channel $33 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 8 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40 \text{ °C} \sim 85 \text{ °C}$ Mounting Type Through Hole	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  130pA  Voltage - Input Offset  1.5mV  Current - Supply  5.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  10MHz  -40PA  -40PA  -40PA  -40PA  -40PA  Through Hole	Output Type	-
-3db Bandwidth -  Current - Input Bias 130pA  Voltage - Input Offset 1.5mV  Current - Supply 5.1mA  Current - Output / Channel 33mA  Voltage - Supply, Single/Dual (±) ±8 V ~ 20 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole	Slew Rate	50 V/μs
Current - Input Bias $130pA$ Voltage - Input Offset $1.5mV$ Current - Supply $5.1mA$ Current - Output / Channel $33mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 8 \ V \sim 20 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeThrough Hole	Gain Bandwidth Product	10MHz
Voltage - Input Offset $1.5 \text{mV}$ Current - Supply $5.1 \text{mA}$ Current - Output / Channel $33 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 8 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough Hole	-3db Bandwidth	-
Current - Supply $5.1 mA$ Current - Output / Channel $33 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 8 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough Hole	Current - Input Bias	130pA
Current - Output / Channel 33mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 8 V ~ 20 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole	Voltage - Input Offset	1.5mV
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 8 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole	Current - Supply	5.1mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole	Current - Output / Channel	33mA
Mounting Type Through Hole	Voltage - Supply, Single/Dual (±)	±8 V ~ 20 V
	Operating Temperature	-40°C ~ 85°C
Package / Case 8-DIP (0.300", 7.62mm)	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package 8-PDIP	Supplier Device Package	8-PDIP
Report errors		Report errors?

### **OP42GPZ 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.

# **OP42GPZ Payment Methods**





















### **OP42GPZ Shipping Methods**













If you have any question about OP42GPZ, please do not hesitate to contact us!

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