



#### **AD8428BRZ Information**



For Reference Only

Part Number AD8428BRZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR 3.5MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm 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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# **AD8428BRZ Specifications**

Manufacturer Part Number         AD8428BRZ           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Instrumentation           Number of Circuits         1           Output Type         -           Slew Rate         50 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         3.5MHz           Current - Input Bias         200nA           Voltage - Input Offset         25μV           Current - Supply         6.5mA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         ±4 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	AD8428BRZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer	Analog Devices Inc.
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Series   -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeInstrumentationNumber of Circuits1Output Type-Slew Rate50 V/μsGain Bandwidth Product3db Bandwidth3.5MHzCurrent - Input Bias200nAVoltage - Input Offset25μVCurrent - Supply6.5mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)±4 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	-
Output Type - Slew Rate 50 V/ $\mu$ s Gain Bandwidth Product	Amplifier Type	Instrumentation
Slew Rate 50 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 3.5MHz  Current - Input Bias 200nA  Voltage - Input Offset 25 $\mu$ V  Current - Supply 6.5mA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) ±4 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  3.5MHz  Current - Input Bias  200nA  Voltage - Input Offset  25 $\mu$ V  Current - Supply  6.5mA  Current - Output / Channel  30mA  Voltage - Supply, Single/Dual ( $\pm$ )  44 V ~ 18 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	50 V/μs
Current - Input Bias $200nA$ Voltage - Input Offset $25\mu V$ Current - Supply $6.5mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4 \ V \sim 18 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90mm$ Width)Supplier Device Package $8\text{-SOIC}$	Gain Bandwidth Product	-
Voltage - Input Offset $25\mu V$ Current - Supply $6.5mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $\pm 4 V \sim 18 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8-SOIC$ $(0.154^{\circ}, 3.90mm Width)$ Supplier Device Package $8-SOIC$	-3db Bandwidth	3.5MHz
Current - Supply 6.5mA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) ±4 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Input Bias	200nA
Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC}$ (0.154", 3.90mm Width)  Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	25μV
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4$ V ~ 18 V Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	6.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	±4 V ~ 18 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Down and a second	Supplier Device Package	8-SOIC
Report errors		Report errors?

### **AD8428BRZ 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.

### **AD8428BRZ Payment Methods**



















## **AD8428BRZ Shipping Methods**













If you have any question about AD8428BRZ, please do not hesitate to contact us!

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