



### **AD8228ARZ Information**



For Reference Only

Part Number AD8228ARZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR 650KHZ 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**

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.









## **AD8228ARZ Specifications**

Manufacturer Part Number         AD8228ARZ           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         2.5 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         650kHz           Current - Input Bias         500pA           Voltage - Input Offset         90μV           Current - Supply         850μA           Current - Output / Channel         18mA           Voltage - Supply, Single/Dual (±)         4.6 V ~ 36 V, ±2.3 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		
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Amplifier TypeInstrumentationNumber of Circuits1Output Type-Slew Rate $2.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $650\text{kHz}$ Current - Input Bias $500\text{pA}$ Voltage - Input Offset $90\mu\text{V}$ Current - Supply $850\mu\text{A}$ Current - Output / Channel $18\text{mA}$ Voltage - Supply, Single/Dual $(\pm)$ $4.6 \text{ V} \sim 36 \text{ V}, \pm 2.3 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC}$ $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8-\text{SOIC}$	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits         1           Output Type         -           Slew Rate         2.5 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         650kHz           Current - Input Bias         500pA           Voltage - Input Offset         90μV           Current - Supply         850μA           Current - Output / Channel         18mA           Voltage - Supply, Single/Dual (±)         4.6 V ~ 36 V, ±2.3 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	Series	-
Output Type - Slew Rate 2.5 V/ $\mu$ s - Gain Bandwidth Product	Amplifier Type	Instrumentation
Slew Rate 2.5 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 650kHz  Current - Input Bias 500pA  Voltage - Input Offset 90 $\mu$ V  Current - Supply 850 $\mu$ A  Current - Output / Channel 18mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.6 V ~ 36 V, $\pm$ 2.3 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 650kHz  Current - Input Bias 500pA  Voltage - Input Offset 90µV  Current - Supply 850µA  Current - Output / Channel 18mA  Voltage - Supply, Single/Dual (±) 4.6 V ~ 36 V, ±2.3 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	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	2.5 V/μs
Current - Input Bias $500pA$ Voltage - Input Offset $90\mu V$ Current - Supply $850\mu A$ Current - Output / Channel $18mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.6 \ V \sim 36 \ V, \pm 2.3 \ V \sim 18 \ V$ 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	Gain Bandwidth Product	-
Voltage - Input Offset 90 $\mu$ V   Current - Supply 850 $\mu$ A   Current - Output / Channel 18mA   Voltage - Supply, Single/Dual (±) 4.6 V ~ 36 V, ±2.3 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	-3db Bandwidth	650kHz
Current - Supply $850\mu A$ Current - Output / Channel $18mA$ Voltage - Supply, Single/Dual (±) $4.6 \text{ V} \sim 36 \text{ V}, \pm 2.3 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC}$ $(0.154^{\circ}\text{N}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SOIC}$	Current - Input Bias	500pA
Current - Output / Channel $18mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.6 \text{ V} \sim 36 \text{ V}, \pm 2.3 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	90μV
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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 - Output / Channel	18mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.6 V ~ 36 V, ±2.3 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)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

### **AD8228ARZ 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.

### **AD8228ARZ Payment Methods**



















## **AD8228ARZ Shipping Methods**













If you have any question about AD8228ARZ, please do not hesitate to contact us!

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