

# AD8008ARZ-REEL

#### **AD8008ARZ-REEL Information**



For Reference Only

Part Number AD8008ARZ-REEL

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CFA 650MHZ 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.









### **AD8008ARZ-REEL Specifications**

Manufacturer Part Number       AD8008ARZ-REEL         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       Current Feedback         Number of Circuits       2         Output Type       -         Slew Rate       1000 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       650MHz         Current - Input Bias       4μA         Voltage - Input Offset       500μV         Current - Output / Channel       130mA         Voltage - Supply, Single/Dual (±)       5 V ~ 12 V, ±2.5 V ~ 6 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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Series - Amplifier Type Current Feedback Number of Circuits 2 Output Type - Slew Rate 1000 V/μs Gain Bandwidth Product 3db Bandwidth Foduct - 3db Bandwidth 650MHz Current - Input Bias 4μA Voltage - Input Offset 500μV Current - Supply 9mA Current - Output / Channel 130mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type  Number of Circuits  2  Output Type  - Slew Rate  1000 V/μs  Gain Bandwidth Product 3db Bandwidth  650MHz  Current - Input Bias  Voltage - Input Offset  500μV  Current - Supply  9mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits         2           Output Type         -           Slew Rate         1000 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         650MHz           Current - Input Bias         4μA           Voltage - Input Offset         500μV           Current - Supply         9mA           Current - Output / Channel         130mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 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  Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  Voltage - Input Offset  Current - Supply  9mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  8-SOIC  8-SOIC	Amplifier Type	Current Feedback
Slew Rate $1000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $650 \text{MHz}$ Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $9\text{mA}$ Current - Output / Channel $130\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Package / Case $8\text{-SOIC }(0.154^{\circ}\text{N}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SOIC}$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  650MHz  Current - Input Bias $4\mu A$ Voltage - Input Offset  500 $\mu V$ Current - Supply  9mA  Current - Output / Channel  130mA  Voltage - Supply, Single/Dual ( $\pm$ )  5 V ~ 12 V, $\pm$ 2.5 V ~ 6 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	1000 V/μs
Current - Input Bias $4\mu A$ Voltage - Input Offset $500\mu V$ Current - Supply $9mA$ Current - Output / Channel $130mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 V \sim 12 V$ , $\pm 2.5 V \sim 6 V$ 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	-3db Bandwidth	650MHz
Current - Supply 9mA  Current - Output / Channel 130mA  Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 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	4μΑ
Current - Output / Channel $130 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90 mm$ Width)Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 12 V, $\pm$ 2.5 V ~ 6 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 - Supply	9mA
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	130mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	5 V ~ 12 V, ±2.5 V ~ 6 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)
	Supplier Device Package	8-SOIC
Report errors?		Report errors?

#### **AD8008ARZ-REEL 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.

### **AD8008ARZ-REEL Payment Methods**



















# **AD8008ARZ-REEL Shipping Methods**













If you have any question about AD8008ARZ-REEL, please do not hesitate to contact us!

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