



#### **AD8004ANZ Information**



For Reference Only

Part Number AD8004ANZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CFA 250MHZ 14DIP

**Package** 14-DIP (0.300", 7.62mm)

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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### **AD8004ANZ Specifications**

Manufacturer Part Number         AD8004ANZ           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         4           Output Type         -           Slew Rate         3000 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         250MHz           Current - Input Bias         40µA           Voltage - Input Offset         ImV           Current - Supply         14mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         4 V ~ 12 V, ±2 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-PDIP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         4           Output Type         -           Slew Rate         3000 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         250MHz           Current - Input Bias         40µA           Voltage - Input Offset         1mV           Current - Supply         14mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         4 V ~ 12 V, ±2 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-PDIP	Manufacturer Part Number	AD8004ANZ
PackageLinear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-DIP (0.300", 7.62mm)Series-Amplifier TypeCurrent FeedbackNumber of Circuits4Output Type-Slew Rate3000 V/μsGain Bandwidth Product3db Bandwidth250MHzCurrent - Input Bias40μAVoltage - Input OffsetImVCurrent - Supply14mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4 V ~ 12 V, ±2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-PDIP	Manufacturer	Analog Devices Inc.
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Amplifier TypeCurrent FeedbackNumber of Circuits4Output Type-Slew Rate3000 V/μsGain Bandwidth Product3db Bandwidth250MHzCurrent - Input Bias40μAVoltage - Input OffsetImVCurrent - Supply14mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)4 V ~ 12 V, ±2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-PDIP	Package	14-DIP (0.300", 7.62mm)
Number of Circuits4Output Type-Slew Rate $3000 \text{ V/µs}$ Gain Bandwidth Product3db Bandwidth $250\text{MHz}$ Current - Input Bias $40\mu\text{A}$ Voltage - Input Offset $1\text{mV}$ Current - Supply $14\text{mA}$ Current - Output / Channel $50\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 \text{ V} \sim 12 \text{ V}, \pm 2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $14\text{-PDIP}$	Series	-
Output Type - Slew Rate 3000 V/ $\mu$ s Gain Bandwidth Product	Amplifier Type	Current Feedback
Slew Rate 3000 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 250MHz  Current - Input Bias 40 $\mu$ A  Voltage - Input Offset 1mV  Current - Supply 14mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 12 V, $\pm$ 2 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Number of Circuits	4
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
-3db Bandwidth 250MHz  Current - Input Bias 40µA  Voltage - Input Offset 1mV  Current - Supply 14mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Slew Rate	3000 V/μs
Current - Input Bias  Voltage - Input Offset  1mV  Current - Supply  14mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package	Gain Bandwidth Product	-
Voltage - Input Offset  Current - Supply  14mA  Current - Output / Channel  50mA  Voltage - Supply, Single/Dual (±)  4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package	-3db Bandwidth	250MHz
Current - Supply 14mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Current - Input Bias	40μΑ
Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Voltage - Input Offset	1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 12 V, $\pm$ 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Current - Supply	14mA
Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Current - Output / Channel	50mA
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Voltage - Supply, Single/Dual (±)	4 V ~ 12 V, ±2 V ~ 6 V
Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-PDIP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-PDIP	Mounting Type	Through Hole
	Package / Case	14-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	14-PDIP
		Report errors?

#### **AD8004ANZ 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.

# **AD8004ANZ Payment Methods**



















### **AD8004ANZ Shipping Methods**













If you have any question about AD8004ANZ, please do not hesitate to contact us!

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