



### **AD844AN Information**

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For Reference Only

Part Number AD844AN

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CFA 60MHZ 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



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### **Certified Quality**

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## **AD844AN Specifications**

| Manufacturer Part Number         AD844AN           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         1           Output Type         -           Slew Rate         2000 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         60MHz           Current - Input Bias         200pA           Voltage - Input Offset         50μV           Current - Supply         6.5mA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         ±4.5 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP (0.300", 7.62mm) |                                   |   |
|--|-----------------------------------|---|
| Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         1           Output Type         -           Slew Rate         2000 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         60MHz           Current - Input Bias         200pA           Voltage - Input Offset         50μV           Current - Supply         6.5mA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         ±4.5 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP   | Manufacturer Part Number          | AD844AN   |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-DIP (0.300", 7.62mm)Series-Amplifier TypeCurrent FeedbackNumber of Circuits1Output Type-Slew Rate2000 V/μsGain Bandwidth Product3db Bandwidth60MHzCurrent - Input Bias200pAVoltage - Input Offset50μVCurrent - Supply6.5mACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±)±4.5 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP  | Manufacturer                      | Analog Devices Inc.   |
| Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         1           Output Type         -           Slew Rate         2000 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         60MHz           Current - Input Bias         200pA           Voltage - Input Offset         50μV           Current - Supply         6.5mA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         ±4.5 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP  | Category                          | Integrated Circuits (ICs)                                   |
| Series - Current Feedback Number of Circuits 1 Output Type - Slew Rate 2000 V/µs Gain Bandwidth Product 3db Bandwidth Financial Soup Soup Soup Soup Soup Soup Soup Soup  |                                   | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier TypeCurrent FeedbackNumber of Circuits1Output Type-Slew Rate2000 V/μsGain Bandwidth Product3db Bandwidth60MHzCurrent - Input Bias200pAVoltage - Input Offset50μVCurrent - Supply6.5mACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±)±4.5 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP   | Package                           | 8-DIP (0.300", 7.62mm)                                      |
| Number of Circuits 1 Output Type - Slew Rate 2000 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth 60MHz Current - Input Bias 200pA Voltage - Input Offset 50 $\mu$ V Current - Supply 6.5mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) ±4.5 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package   | Series                            | -   |
| Output Type - Slew Rate 2000 V/ $\mu$ s Gain Bandwidth Product   | Amplifier Type                    | Current Feedback  |
| Slew Rate 2000 V/µs  Gain Bandwidth Product3db Bandwidth 60MHz  Current - Input Bias 200pA  Voltage - Input Offset 50µV  Current - Supply 6.5mA  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 4.5 V ~ 18 V  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP  | Number of Circuits                | 1   |
| Gain Bandwidth Product -3db Bandwidth 60MHz  Current - Input Bias 200pA  Voltage - Input Offset 50μV  Current - Supply 6.5mA  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package  | Output Type                       | -   |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$  | Slew Rate                         | 2000 V/μs   |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$  | Gain Bandwidth Product            | -   |
| Voltage - Input Offset   | -3db Bandwidth                    | 60MHz   |
| Current - Supply 6.5mA  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual (±) ±4.5 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP  | Current - Input Bias              | 200pA   |
| Current - Output / Channel 80mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm$ 4.5 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP   | Voltage - Input Offset            | 50μV  |
| Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP   | Current - Supply                  | 6.5mA   |
| Operating Temperature  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package  8-PDIP  | Current - Output / Channel        | 80mA  |
| Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP  | Voltage - Supply, Single/Dual (±) | ±4.5 V ~ 18 V   |
| Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP   | Operating Temperature             | -40°C ~ 85°C  |
| Supplier Device Package 8-PDIP   | Mounting Type                     | Through Hole  |
|  | Package / Case                    | 8-DIP (0.300", 7.62mm)                                      |
| Report errors?   | Supplier Device Package           | 8-PDIP  |
| Report critics:  |                                   | Report errors?  |

#### **AD844AN 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.

## **AD844AN Payment Methods**





















# **AD844AN Shipping Methods**













If you have any question about AD844AN, please do not hesitate to contact us!

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