



### **AD8012AR-REEL7 Information**



For Reference Only

Part Number AD8012AR-REEL7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP CFA 350MHZ 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



Request a Quote

## **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.









## **AD8012AR-REEL7 Specifications**

Manufacturer Part Number       AD8012AR-REEL7         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       2250 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       350MHz         Current - Input Bias       3μA         Voltage - Input Offset       1.5mV         Current - Supply       1.7mA         Current - Output / Channel       125mA         Voltage - Supply, Single/Dual (±)       3 V ~ 12 V, ±1.5 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		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	AD8012AR-REEL7
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type	Manufacturer	Analog Devices Inc.
Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Current Feedback           Number of Circuits         2           Output Type         -           Slew Rate         2250 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         350MHz           Current - Input Bias         3μA           Voltage - Input Offset         1.5mV           Current - Supply         1.7mA           Current - Output / Channel         125mA           Voltage - Supply, Single/Dual (±)         3 V ~ 12 V, ±1.5 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	Category	Integrated Circuits (ICs)
Series - Current Feedback  Number of Circuits 2  Output Type - Slew Rate 2250 V/µs  Gain Bandwidth Product 3db Bandwidth  Current - Input Bias 3µA  Voltage - Input Offset 1.5mV  Current - Supply 1.7mA  Current - Output / Channel 125mA  Voltage - Supply, Single/Dual (±) 3 V ~ 12 V, ±1.5 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  2250 V/μs  Gain Bandwidth Product  -3db Bandwidth  350MHz  Current - Input Bias  Voltage - Input Offset  1.5mV  Current - Supply  1.7mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC  8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits       2         Output Type       -         Slew Rate       2250 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       350MHz         Current - Input Bias       3μA         Voltage - Input Offset       1.5mV         Current - Supply       1.7mA         Current - Output / Channel       125mA         Voltage - Supply, Single/Dual (±)       3 V ~ 12 V, ±1.5 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  1.7mA  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  Gain Bandwidth Product -3db Bandwidth  350MHz  Current - Input Bias  Voltage - Input Offset  1.5mV  Current - Supply  1.7mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 12 V, ±1.5 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	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth 350MHz  Current - Input Bias 3μA  Voltage - Input Offset 1.5mV  Current - Supply 1.7mA  Current - Output / Channel 125mA  Voltage - Supply, Single/Dual (±) 3 V ~ 12 V, ±1.5 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	Output Type	-
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 3 \mu A \\ Voltage - Input \ Offset \\ 1.5 mV \\ Current - Supply \\ 1.7 mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 3 \ V \sim 12 \ V, \pm 1.5 \ V \sim 6 \ V \\ Operating \ Temperature \\ 40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\ \\$	Slew Rate	2250 V/μs
Current - Input Bias $3\mu A$ Voltage - Input Offset $1.5mV$ Current - Supply $1.7mA$ Current - Output / Channel $125mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 12 V, \pm 1.5 V \sim 6 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -SOIC $(0.154'', 3.90mm Width)$ Supplier Device Package $8$ -SOIC	Gain Bandwidth Product	-
Voltage - Input Offset 1.5mV   Current - Supply 1.7mA   Current - Output / Channel 125mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 12 V, $\pm$ 1.5 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	-3db Bandwidth	350MHz
Current - Supply 1.7mA  Current - Output / Channel 125mA  Voltage - Supply, Single/Dual (±) 3 V ~ 12 V, ±1.5 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	3μΑ
Current - Output / Channel 125mA  Voltage - Supply, Single/Dual (±) 3 V ~ 12 V, ±1.5 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	Voltage - Input Offset	1.5mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 12 V, $\pm$ 1.5 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	1.7mA
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	125mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	3 V ~ 12 V, ±1.5 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?

#### **AD8012AR-REEL7 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.

### **AD8012AR-REEL7 Payment Methods**



















# **AD8012AR-REEL7 Shipping Methods**













If you have any question about AD8012AR-REEL7, please do not hesitate to contact us!

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