

### AD8017ARZ-REEL

#### **AD8017ARZ-REEL Information**



For Reference Only

Part Number AD8017ARZ-REEL

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 160MHZ 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.









## **AD8017ARZ-REEL Specifications**

Manufacturer Part Number       AD8017ARZ-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       General Purpose         Number of Circuits       2         Output Type       -         Slew Rate       1600 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       160MHz         Current - Input Bias       16μA         Voltage - Input Offset       1.8mV         Current - Supply       7mA         Current - Output / Channel       270mA         Voltage - Supply, Single/Dual (±)       4.4 V ~ 12 V, ±2.2 V ~ 6 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)		
Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       2         Output Type       -         Slew Rate       1600 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       160MHz         Current - Input Bias       16μA         Voltage - Input Offset       1.8mV         Current - Supply       7mA         Current - Output / Channel       270mA         Voltage - Supply, Single/Dual (±)       4.4 V ~ 12 V, ±2.2 V ~ 6 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer Part Number	AD8017ARZ-REEL
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Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         -           Slew Rate         1600 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         160MHz           Current - Input Bias         16μA           Voltage - Input Offset         1.8mV           Current - Supply         7mA           Current - Output / Channel         270mA           Voltage - Supply, Single/Dual (±)         4.4 V ~ 12 V, ±2.2 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 2  Output Type - Slew Rate $1600 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 160MHz  Current - Input Bias $16\mu\text{A}$ Voltage - Input Offset $1.8\text{mV}$ Current - Supply $7\text{mA}$ Current - Output / Channel $270\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type - Slew Rate $1600 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 160MHz Current - Input Bias $16\mu\text{A}$ Voltage - Input Offset $1.8\text{mV}$ Current - Supply $7\text{mA}$ Current - Output / Channel $270\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Series	-
Output Type - Slew Rate $1600 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $160\text{MHz}$ Current - Input Bias $16\mu\text{A}$ Voltage - Input Offset $1.8\text{mV}$ Current - Supply $7\text{mA}$ Current - Output / Channel $270\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Amplifier Type	General Purpose
Slew Rate $1600 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $160 \text{MHz}$ Current - Input Bias $16\mu\text{A}$ Voltage - Input Offset $1.8 \text{mV}$ Current - Supply $7 \text{mA}$ Current - Output / Channel $270 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $\text{Surface Mount}$	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth  Current - Input Bias  16 $\mu$ A  Voltage - Input Offset  1.8mV  Current - Supply  7mA  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ )  Operating Temperature  Mounting Type  160MHz  160MHz  160MHz  170MA  180MV  180	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	1600 V/μs
Current - Input Bias $16\mu A$ Voltage - Input Offset $1.8mV$ Current - Supply $7mA$ Current - Output / Channel $270mA$ Voltage - Supply, Single/Dual $(\pm)$ $4.4\ V \sim 12\ V, \pm 2.2\ V \sim 6\ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Gain Bandwidth Product	-
Voltage - Input Offset 1.8mV   Current - Supply 7mA   Current - Output / Channel 270mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 12 V, $\pm$ 2.2 V ~ 6 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount	-3db Bandwidth	160MHz
Current - Supply $7mA$ Current - Output / Channel $270mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Input Bias	16μΑ
Current - Output / Channel $270 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.4 \text{ V} \sim 12 \text{ V}, \pm 2.2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Input Offset	1.8mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.4 V ~ 12 V, $\pm$ 2.2 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Current - Supply	7mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	270mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	4.4 V ~ 12 V, ±2.2 V ~ 6 V
0 71	Operating Temperature	-40°C ~ 85°C
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors		Report errors?

#### **AD8017ARZ-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.

### **AD8017ARZ-REEL Payment Methods**



















### **AD8017ARZ-REEL Shipping Methods**













If you have any question about AD8017ARZ-REEL, please do not hesitate to contact us!

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