



### **AD603AR-REEL7 Information**



For Reference Only

Part Number AD603AR-REEL7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VGA 90MHZ 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.









# **AD603AR-REEL7 Specifications**

Manufacturer Part Number       AD603AR-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       X-AMP?         Amplifier Type       Variable Gain         Number of Circuits       1         Output Type       -         Slew Rate       275 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       90MHz         Current - Input Bias       200nA         Voltage - Input Offset       -         Current - Supply       12.5mA         Current - Output / Channel       50mA         Voltage - Supply, Single/Dual (±)       9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V         Operating Temperature       40°C ~ 85°C		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-SOIC (0.154", 3.90mm Width)  Series  X-AMP?  Amplifier Type  Variable Gain  Number of Circuits  1  Output Type  Slew Rate  275 V/µs  Gain Bandwidth Product  -3db Bandwidth  90MHz  Current - Input Bias  200nA  Voltage - Input Offset  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Manufacturer Part Number	AD603AR-REEL7
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-SOIC (0.154", 3.90mm Width)  Series X-AMP?  Amplifier Type Variable Gain  Number of Circuits 1  Output Type - Slew Rate 275 V/µs  Gain Bandwidth Product3db Bandwidth 90MHz  Current - Input Bias 200nA  Voltage - Input Offset - Current - Supply 12.5mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Manufacturer	Analog Devices Inc.
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Amplifier Type Variable Gain  Number of Circuits 1  Output Type - Slew Rate 275 V/µs  Gain Bandwidth Product3db Bandwidth 90MHz  Current - Input Bias 200nA  Voltage - Input Offset - Current - Supply 12.5mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits  Output Type  Slew Rate  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  90MHz  Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  1  1  275 V/µs  275 V/µs  200MHz  200MHz  200nA	Series	X-AMP?
Output Type - Slew Rate 275 V/ $\mu$ s Gain Bandwidth Product	Amplifier Type	Variable Gain
Slew Rate 275 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 90MHz  Current - Input Bias 200nA  Voltage - Input Offset - Current - Supply 12.5mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, $\pm 4.75$ V ~ 6.3 V	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 90MHz  Current - Input Bias 200nA  Voltage - Input Offset - Current - Supply 12.5mA  Current - Output / Channel Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Output Type	-
-3db Bandwidth 90MHz  Current - Input Bias 200nA  Voltage - Input Offset -  Current - Supply 12.5mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Slew Rate	275 V/μs
Current - Input Bias  200nA  Voltage - Input Offset  - Current - Supply  12.5mA  Current - Output / Channel  50mA  Voltage - Supply, Single/Dual (±)  9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Gain Bandwidth Product	-
Voltage - Input Offset  Current - Supply  12.5mA  Current - Output / Channel  50mA  Voltage - Supply, Single/Dual (±)  9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	-3db Bandwidth	90MHz
Current - Supply 12.5mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Current - Input Bias	200nA
Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V	Voltage - Input Offset	-
Voltage - Supply, Single/Dual ( $\pm$ ) 9.5 V ~ 12.6 V, $\pm$ 4.75 V ~ 6.3 V	Current - Supply	12.5mA
	Current - Output / Channel	50mA
Operating Temperature -40°C ~ 85°C	Voltage - Supply, Single/Dual (±)	9.5 V ~ 12.6 V, ±4.75 V ~ 6.3 V
Operating reinperature	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report error		Report errors?

#### **AD603AR-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.

### **AD603AR-REEL7 Payment Methods**





















# **AD603AR-REEL7 Shipping Methods**













If you have any question about AD603AR-REEL7, please do not hesitate to contact us!

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