



#### **AD8475ARMZ Information**



For Reference Only

Part Number AD8475ARMZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP DIFF 150MHZ RRO 10MSOP**Package**10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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## **AD8475ARMZ Specifications**

Manufacturer Part Number         AD8475ARMZ           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)           Series         -           Amplifier Type         Differential           Number of Circuits         1           Output Type         Differential, Rail-to-Rail           Slew Rate         50 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         150MHz           Current - Input Bias         -           Voltage - Input Offset         -           Current - Supply         3mA           Current - Output / Channel         110mA           Voltage - Supply, Single/Dual (±)         3 V ~ 10 V, ±1.5 V ~ 5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)           Supplier Device Package         10-MSOP		
Category   Integrated Circuits (ICs)	Manufacturer Part Number	AD8475ARMZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type  Differential  Number of Circuits  1  Output Type  Differential, Rail-to-Rail  Slew Rate  50 V/µs  Gain Bandwidth Product  -3db Bandwidth  150MHz  Current - Input Bias  Voltage - Input Offset  - Current - Supply  3mA  Current - Output / Channel  110mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package  10-MSOP	Manufacturer	Analog Devices Inc.
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Series - Differential Number of Circuits 1 Output Type Differential, Rail-to-Rail Slew Rate 50 V/µs Gain Bandwidth Product3db Bandwidth Current - Input Bias - Voltage - Input Offset - Current - Supply 3mA Current - Output / Channel 110mA Voltage - Supply, Single/Dual (±) 3 V ~ 10 V, ±1.5 V ~ 5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Output Type Differential, Rail-to-Rail Slew Rate 50 V/ $\mu$ s Gain Bandwidth Product	Amplifier Type	Differential
Slew Rate 50 V/µs  Gain Bandwidth Product3db Bandwidth 150MHz  Current - Input Bias - Voltage - Input Offset - Current - Supply 3mA  Current - Output / Channel 110mA  Voltage - Supply, Single/Dual (±) 3 V ~ 10 V, ±1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package 10-MSOP	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  150MHz  Current - Input Bias  - Voltage - Input Offset  - Current - Supply  3mA  Current - Output / Channel  110mA  Voltage - Supply, Single/Dual (±)  3 V ~ 10 V, ±1.5 V ~ 5 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package	Output Type	Differential, Rail-to-Rail
-3db Bandwidth 150MHz  Current - Input Bias -  Voltage - Input Offset -  Current - Supply 3mA  Current - Output / Channel 110mA  Voltage - Supply, Single/Dual (±) 3 V ~ 10 V, ±1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package 10-MSOP	Slew Rate	50 V/μs
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$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	150MHz
Current - Supply $3mA$ Current - Output / Channel $110mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 10 \text{ V}, \pm 1.5 \text{ V} \sim 5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $10\text{-TFSOP}, 10\text{-MSOP}$ ( $0.118\text{"}, 3.00\text{mm}$ Width)Supplier Device Package $10\text{-MSOP}$	Current - Input Bias	-
Current - Output / Channel $110mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 10 \text{ V}, \pm 1.5 \text{ V} \sim 5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $10\text{-TFSOP}, 10\text{-MSOP}$ ( $0.118\text{"}, 3.00\text{mm}$ Width)Supplier Device Package $10\text{-MSOP}$	Voltage - Input Offset	-
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Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package 10-MSOP	Current - Output / Channel	110mA
Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Voltage - Supply, Single/Dual (±)	3 V ~ 10 V, ±1.5 V ~ 5 V
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 10-MSOP	Mounting Type	Surface Mount
	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	10-MSOP
Report errors		Report errors?

### **AD8475ARMZ 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.

### **AD8475ARMZ Payment Methods**



















## **AD8475ARMZ Shipping Methods**













If you have any question about AD8475ARMZ, please do not hesitate to contact us!

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