



#### **TSX562AIST Information**



For Reference Only

Part Number TSX562AIST

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 900KHZ 8MINISO

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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## **TSX562AIST Specifications**

Manufacturer Part NumberTSX562AISTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate1.1 V/μsGain Bandwidth Product900kHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset600μVCurrent - Supply250μACurrent - Output / Channel92mAVoltage - Supply, Single/Dual (±)3 V ~ 16 VOperating Temperature-40°C ~ 125°C		
Category Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps   Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   Series -   Amplifier Type General Purpose   Number of Circuits 2   Output Type -   Slew Rate 1.1 V/μs   Gain Bandwidth Product 900kHz   -3db Bandwidth -   Current - Input Bias 1pA   Voltage - Input Offset 600μV   Current - Supply 250μA   Current - Output / Channel 92mA   Voltage - Supply, Single/Dual (±) 3 V ~ 16 V	Manufacturer Part Number	TSX562AIST
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type General Purpose  Number of Circuits  2  Output Type  - Slew Rate  1.1 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 16 V	Manufacturer	STMicroelectronics
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Output Type - Slew Rate 1.1 V/ $\mu$ s Gain Bandwidth Product 900kHz - 3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 600 $\mu$ V Current - Supply 250 $\mu$ A Current - Output / Channel 92mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V	Amplifier Type	General Purpose
Slew Rate $\begin{array}{ccc} & 1.1 \text{ V/}\mu\text{s} \\ & \text{Gain Bandwidth Product} & 900\text{kHz} \\ & -3\text{db Bandwidth} & - \\ & \text{Current - Input Bias} & 1\text{pA} \\ & \text{Voltage - Input Offset} & 600\mu\text{V} \\ & \text{Current - Supply} & 250\mu\text{A} \\ & \text{Current - Output / Channel} & 92\text{mA} \\ & \text{Voltage - Supply, Single/Dual (\pm)} & 3 \text{ V} \sim 16 \text{ V} \\ \end{array}$	Number of Circuits	2
Gain Bandwidth Product 900kHz  -3db Bandwidth -  Current - Input Bias 1pA  Voltage - Input Offset 600 $\mu$ V  Current - Supply 250 $\mu$ A  Current - Output / Channel 92mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	1.1 V/μs
Current - Input Bias $ 1pA $ $ Voltage - Input Offset \qquad 600 \mu V $ $ Current - Supply \qquad 250 \mu A $ $ Current - Output / Channel \qquad 92mA $ $ Voltage - Supply, Single/Dual (\pm) \qquad 3 \ V \sim 16 \ V $	Gain Bandwidth Product	900kHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $250\mu A$ Current - Output / Channel $92mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3\ V \sim 16\ V$	Current - Input Bias	1pA
Current - Output / Channel 92mA Voltage - Supply, Single/Dual (±) 3 V ~ 16 V	Voltage - Input Offset	600μV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V $\sim$ 16 V	Current - Supply	250μΑ
	Current - Output / Channel	92mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Supply, Single/Dual (±)	3 V ~ 16 V
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-MiniSO	Supplier Device Package	8-MiniSO
Report erro		Report errors?

#### **TSX562AIST 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.

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### **TSX562AIST Payment Methods**



















### **TSX562AIST Shipping Methods**













If you have any question about TSX562AIST, please do not hesitate to contact us!

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