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	TSX562IST	-		
	Manufacturer Part Number	TSX562IST		
	Manufacturer	STMicroelectronics		
	Allelco Part Number	32D-TSX562IST		
	ECAD Model	PCB Symbol, Footprint & 3D Mode		
	Parts Description	IC CMOS 2 CIRCUIT 8MINISO		
	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
Image may be representation.	Data sheet	TSX56x(A) Datasheet.pdf Get a Quote		
See specifications for product details.	RoHs Status	ROHS3 Compliant		
life.augmented	TSX562IST - STMicroelectronics.New Original in Stock. Download Linear Technology TSX562IST datasheet/specifications on AllelcoElec.com. Request a quote for TSX562IST, please send us email: info@allelco.com			

# Specifications

TSX562IST Tech Specifications TSX562IST - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	3 V	Number of Circuits	2
Voltage - Supply Span (Max)	16 V	Mounting Type	Surface Mount
Voltage - Input Offset	1 mV	Gain Bandwidth Product	900 kHz
Supplier Device Package	8-MiniSO	Current - Supply	250µA
Slew Rate	1.1V/µs	Current - Output / Channel	92 mA
Series	Automotive, AEC-Q100	Current - Input Bias	1 pA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	TSX562

Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

# Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TSX562IST

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Product Attribute	- Refer		C.C.	ELLER THE
Part Number	TSX562IST	TSX632AIST	TSX562AIST	TSX562IQ2T
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply Span (Max)	16 V	16 V	16 V	16 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gain Bandwidth Product	900 kHz	200 kHz	900 kHz	900 kHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset	1 mV	700 μV	600 μV	1 mV
Slew Rate	1.1V/µs	0.12V/µs	1.1V/µs	1.1V/µs
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Output / Channel	92 mA	92 mA	92 mA	92 mA
Current - Supply	250μΑ	45μΑ	250μΑ	250μΑ
Base Product Number	TSX562	TSX632	TSX562	TSX562
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WFDFN
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Circuits	2	2	2	2
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	Automotive, AEC-Q100
Supplier Device Package	8-MiniSO	8-MiniSO	8-MiniSO	8-DFN (2x2)
Amplifier Type	CMOS	CMOS	CMOS	CMOS
Voltage - Supply Span (Min)	3 V	3.3 V	3 V	3 V

### **TSX562IST Datasheet PDF**

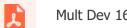
Download TSX562IST pdf datasheets and STMicroelectronics documentation for TSX562IST - STMicroelectronics.

### Datasheets

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TSX56x(A) Datasheet.pdf

### PCN Assembly/Origin

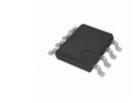


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### **Recommended Products**





TSX632AIST

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO

TSX562AIST

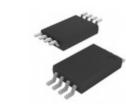
STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO



**TSX562IQ2T** STMicroelectronics IC CMOS 2 CIRCUIT 8DFN







TSX393IPT

STMicroelectronics IC COMPARATOR 2 CMOS 8TSSOP

TSX562IYST

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO



**TSX564IQ4T** 

STMicroelectronics

IC CMOS 4 CIRCUIT 16QFN



TSX393IDT STMicroelectronics

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TSX632IYST STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO

TSX631IYLT STMicroelectronics



**TSX564AIPT** 

STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP

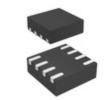


TSX562AIYST

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO



TSX561ILT STMicroelectronics IC CMOS 1 CIRCUIT SOT23-5



**TSX632IQ2T** STMicroelectronics

IC CMOS 2 CIRCUIT 8DFN



TSX564IPT STMicroelectronics

STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP IC OPAMP GP 1 CIRCUIT SOT23-5



TSX561IYLT

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO

**TSX632AIYST** 

# **Shipment**

#### **Delivery Time**

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

#### **Delivery Cost**

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

#### **Delivery Method**

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

IC OPAMP GP 1 CIRCUIT SOT23-5



Region	Country	Logistic Time(Day)				
America	United States	5				
America	Brazil	7				
	Germany	5				
Europe	United Kingdom	4				
	Italy	5				
Oceania	Australia	6				
Oceania	New Zealand	7				
Asia	India	6				
ASIA	Japan	7				
Middle East	Israel	6				

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Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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Delivery

4

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