



Image may be representation.
See specifications for product details.



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)
Data sheet	TSX56x(A) Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Product Attribute				
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	250µA	45µA	250µA	250µA
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-WDFDN
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

[TSX56x\(A\) Datasheet.pdf](#)

PCN Assembly/Origin

[Mult Dev 16/Apr/2021.pdf](#)

Customers Also Interested in

Recommended Products

**TSX632AIST**STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO**TSX562AIST**STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO**TSX562IQ2T**STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN**TSX631AILT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5**TSX393IPT**STMicroelectronics
IC COMPARATOR 2 CMOS 8TSSOP**TSX562IYST**STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO**TSX564IQ4T**STMicroelectronics
IC CMOS 4 CIRCUIT 16QFN**TSX393IDT**STMicroelectronics
IC COMPARATOR 2 CMOS 8SOIC**AMPLEON****TSX3704IQ4T**Ampleon USA Inc.
TSX3704 - Comparator CMOS 4 Elem**TSX632IYST**STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO**TSX631IYLT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5**TSX564IPT**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
IC CMOS 4 CIRCUIT 14TSSOP**TSX561IYLT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5**TSX632AIYST**STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO

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.

Common Countries Logistic Time Reference

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

DHL & FedEx Shipment Charges Reference

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.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



View More

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