

Image may be representation.  
See specifications for product details.



## TS3022IST

Manufacturer Part Number	<b>TS3022IST</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS3022IST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 2 GEN PUR 8MINISO
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>TS3022.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TS3022IST - STMicroelectronics.New Original in Stock. Download Linear Technology TS3022IST datasheet/specifications on AllelcoElec.com.  
Request a quote for TS3022IST, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TS3022IST Tech Specifications

TS3022IST - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Single/Dual (±)	1.8V ~ 5V	Number of Elements	2
Voltage - Input Offset (Max)	8mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-MiniSO	Current - Quiescent (Max)	90µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	105ns	Current - Input Bias (Max)	0.16µA @ 5V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	CMRR, PSRR (Typ)	79dB CMRR
Package	Tape & Reel (TR)	Base Product Number	TS3022
Output Type	Push-Pull		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS3022IST

Product Attribute				
Part Number	TS3022IST	TS3011YQ3T	TS3021ILT	TS3021YLT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset (Max)	8mV @ 5V	7mV @ 5V	6mV @ 5V	6mV @ 5V
CMRR, PSRR (Typ)	79dB CMRR	74dB CMRR	79dB CMRR	79dB CMRR
Voltage - Supply, Single/Dual (±)	1.8V ~ 5V	2.2V ~ 5V	1.8V ~ 5V	1.8V ~ 5V
Current - Input Bias (Max)	0.16µA @ 5V	20pA @ 5V	0.16µA @ 5V	0.16µA @ 5V
Current - Output (Typ)	-	-	-	-
Type	General Purpose	General Purpose	General Purpose	General Purpose
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WDFDN Exposed Pad	SC-74A, SOT-753	SC-74A, SOT-753
Hysteresis	-	2mV	-	-
Propagation Delay (Max)	105ns	12ns	105ns	105ns
Number of Elements	2	1	1	1
Current - Quiescent (Max)	90µA	910µA	90µA	90µA
Base Product Number	TS3022	TS3011	TS3021	TS3021
Supplier Device Package	8-MiniSO	8-DFN (2x2)	SOT-23-5	SOT-23-5
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Push-Pull	Push-Pull, Rail-to-Rail	Push-Pull	Push-Pull
Series	-	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Mounting Type	Surface Mount	Surface Mount, Wettable Flank	Surface Mount	Surface Mount

### TS3022IST Datasheet PDF

Download TS3022IST pdf datasheets and STMicroelectronics documentation for TS3022IST - STMicroelectronics.

#### PCN Assembly/Origin











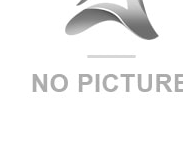







Mult Dev Site Add 14/May/2020.pdf

#### HTML Datasheet

TS3022.pdf

### Customers Also Interested in

#### Recommended Products

					
<b>TS3011YQ3T</b> STMicroelectronics IC COMPARATOR 1 GEN PUR 8DFN	<b>TS3021ILT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS30100CG</b> AMI Semiconductor/onsemi	<b>TS3021IYLT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS3011ICT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SC70-5	<b>TS3021ICT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SC70-5
					
<b>TS317CM RN</b> Taiwan Semiconductor	<b>TS3022IDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	<b>TS3021HIYLT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS3022IYST</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8MINISO	<b>TS305-10C50</b> MEAS	<b>TS31023-QFN</b> Semtech Corporation IC PWR SWITCH P-CHAN 1:1 8DFN
					
<b>TS3021AILT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS3011ILT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS317CM</b> Taiwan Semiconductor	<b>TS306UG1</b> Taiwan Semiconductor	<b>TS31023-QFN</b> Semtech	<b>TS3063CS</b> Taiwan Semiconductor

## 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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