

Image may be representation.  
See specifications for product details.



## TS332IQ2T

Manufacturer Part Number	<b>TS332IQ2T</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS332IQ2T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 2 GEN PUR 8DFN
Package	8-UFDFN Exposed Pad
Data sheet	TS332IQ2T.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TS332IQ2T - STMicroelectronics.New Original in Stock. Download Linear Technology TS332IQ2T datasheet/specifications on AllelcoElec.com.  
Request a quote for TS332IQ2T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TS332IQ2T Tech Specifications

TS332IQ2T - 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 (±)	1.6V ~ 5V	Number of Elements	2
Voltage - Input Offset (Max)	5mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-DFN (2x2)	Current - Quiescent (Max)	30µA
Series	-	Current - Output (Typ)	93mA @ 5V
Propagation Delay (Max)	720ns	Current - Input Bias (Max)	0.04µA @ 5V
Package / Case	8-UFDFN Exposed Pad	CMRR, PSRR (Typ)	79dB CMRR
Package	Tape & Reel (TR)	Base Product Number	TS332
Output Type	Open Drain		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS332IQ2T

Product Attribute				
Part Number	TS332IQ2T	TS334IDT	TS331IYLT	TS339CDT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Type	Open Drain	Open Drain	Open Drain	CMOS, Open-Drain
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Single/Dual (±)	1.6V ~ 5V	1.6V ~ 5V	1.6V ~ 5V	2.7V ~ 16V, ±1.35V ~ 8V
Series	-	-	Automotive, AEC-Q100	-
Base Product Number	TS332	TS334	TS331	TS339
Current - Output (Typ)	93mA @ 5V	93mA @ 5V	93mA @ 5V	20mA
Propagation Delay (Max)	720ns	210ns	720ns	-
CMRR, PSRR (Typ)	79dB CMRR	79dB CMRR	79dB CMRR	75dB CMRR
Number of Elements	2	4	1	4
Supplier Device Package	8-DFN (2x2)	14-SO	SOT-23-5	14-SO
Type	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 70°C
Current - Input Bias (Max)	0.04µA @ 5V	0.04µA @ 5V	0.04µA @ 5V	1pA @ 5V
Hysteresis	-	-	-	-
Current - Quiescent (Max)	30µA	26µA	26µA	25µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-UFDFN Exposed Pad	14-SOIC (0.154', 3.90mm Width)	SC-74A, SOT-753	14-SOIC (0.154', 3.90mm Width)
Voltage - Input Offset (Max)	5mV @ 5V	5mV @ 5V	5mV @ 5V	5mV @ 10V

### TS332IQ2T Datasheet PDF

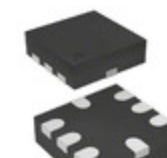
Download TS332IQ2T pdf datasheets and STMicroelectronics documentation for TS332IQ2T - STMicroelectronics.






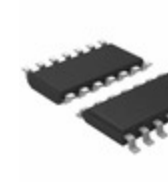







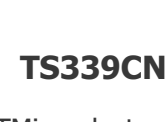




### PCN Design/Specification

TS33x DS Rev 16/Feb/2022.pdf

### Customers Also Interested in

### Recommended Products



<b>TS334IDT</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 1450	<b>TS331IYLT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS33063CSRL</b> TAEC Product (Toshiba Electronic Devices and Stora	<b>TS339CDT</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 1450	<b>TS332IST</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8MINISO	<b>TS3330AQPR</b> STMicroelectronics IC VREF SERIES 0.15% 8QFN
					
<b>TS331IQT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR	<b>TS331ICT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SC70-5	<b>TS3310ITD1022T</b> Silicon Labs IC REG BOOST ADJUSTABLE 10TDFN	<b>TS332IYDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 850IC	<b>TS339CD</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 1450	<b>TS334IYDT</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 1450
					
<b>TS3310ITD1022</b> Silicon Labs IC REG BOOST ADJUSTABLE 10TDFN	<b>TS339CN</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 14DIP	<b>TS331ILT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS331CX5</b> Taiwan Semiconductor Corporation LOW POWER LOW OFFSET VOLT COMP	<b>TS332IDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 850IC	<b>TS334IPT</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 14TSSOP
					

## 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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