



Image may be representation.  
See specifications for product details.



## TS393IDT

Manufacturer Part Number	<b>TS393IDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS393IDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 2 GEN PUR 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>TS393.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TS393IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS393IDT datasheet/specifications on AllelcoElec.com.  
Request a quote for TS393IDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TS393IDT Tech Specifications

TS393IDT - 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 (±)	2.7V ~ 16V, ±1.35V ~ 8V	Number of Elements	2
Voltage - Input Offset (Max)	5mV @ 10V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-SOIC	Current - Quiescent (Max)	25µA
Series	-	Current - Output (Typ)	20mA
Propagation Delay (Max)	-	Current - Input Bias (Max)	1pA @ 5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	CMRR, PSRR (Typ)	71dB CMRR
Package	Tape & Reel (TR)	Base Product Number	TS393
Output Type	CMOS, Open-Drain		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS393IDT

Product Attribute				
Part Number	TS393IDT	TS391SN2T1G	TS393ID	TS393CS RLG
Manufacturer	STMicroelectronics	onsemi	STMicroelectronics	Taiwan Semiconductor Corporation
Package / Case	8-SOIC (0.154', 3.90mm Width)	SOT-23-5 Thin, TSOT-23-5	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Quiescent (Max)	25µA	1.25mA	25µA	1mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 70°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset (Max)	5mV @ 10V	5mV @ 5V	5mV @ 10V	2mV @ 5V
Output Type	CMOS, Open-Drain	-	CMOS, Open-Drain	CMOS, DTL, ECL, MOS, TTL
CMRR, PSRR (Typ)	71dB CMRR	-	71dB CMRR	-
Current - Output (Typ)	20mA	20mA	20mA	16mA @ 5V
Voltage - Supply, Single/Dual (±)	2.7V ~ 16V, ±1.35V ~ 8V	2V ~ 36V, ±1V ~ 18V	2.7V ~ 16V, ±1.35V ~ 8V	2V ~ 36V, ±1V ~ 18V
Current - Input Bias (Max)	1pA @ 5V	0.25µA @ 5V	1pA @ 5V	0.025µA
Propagation Delay (Max)	-	850ns (Typ)	-	-
Series	-	-	-	-
Number of Elements	2	1	2	2
Base Product Number	TS393	TS391	TS393	TS393
Hysteresis	-	-	-	-
Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	8-SOIC	5-TSOP	8-SOIC	8-SOP

## TS393IDT Datasheet PDF

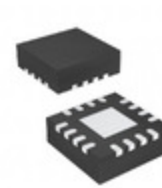
Download TS393IDT pdf datasheets and STMicroelectronics documentation for TS393IDT - STMicroelectronics.







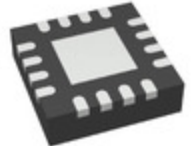




### HTML Datasheet



## Customers Also Interested in

### Recommended Products



<b>TS3A225EYFFR</b> Texas Instruments IC AUDIO SWITCH HDST 16DSBGA	<b>TS391SN2T1G</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	<b>TS393ID</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	<b>TS3A227ERVAR</b> Texas Instruments IC DETECTION SWITCH 16VQFN	<b>TS393CS RLG</b> Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8SOP	<b>TS393IYDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC
					
<b>TS3A226AEYFFR</b> Texas Instruments IC AUDIO SWITCH 9DSBGA	<b>TS393IN</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP	<b>TS393CN</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP	<b>TS3A227EYFFR</b> Texas Instruments IC DETECTION SWITCH 16DSBGA	<b>TS3A226EYFFR</b> Texas Instruments IC AUDIO SWITCH 9DSBGA	<b>TS393DR2G</b> onsemi IC COMPARATOR 2 GEN PUR 8SOIC
					
<b>TS39204</b> NA	<b>TS3A225ERTER</b> Texas Instruments IC AUDIO SWITCH HDST 16WQFN	<b>TS393CDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	<b>TS393CS</b> Taiwan Semiconductor Corporation DUAL VOLTAGE COMPARATOR	<b>TS393IPT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8TSSOP	<b>TS393CD C3G</b> Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8DIP

## 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.

-  Phone  
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### Certifications & Memberships



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