



Image may be representation.  
See specifications for product details.



## TS393ID

Manufacturer Part Number	<b>TS393ID</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS393ID
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>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TS393ID - STMicroelectronics.New Original in Stock. Download Linear Technology TS393ID datasheet/specifications on AllelcoElec.com.  
Request a quote for TS393ID, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TS393ID Tech Specifications

TS393ID - 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	Tube	Base Product Number	TS393
Output Type	CMOS, Open-Drain		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS393ID

Product Attribute				
Part Number	TS393ID	TS393IYDT	TS393IDT	TS393DR2G
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	onsemi
Current - Quiescent (Max)	25µA	25µA	25µA	15µA
Base Product Number	TS393	TS393	TS393	TS393
Current - Output (Typ)	20mA	20mA	20mA	2nA
CMRR, PSRR (Typ)	71dB CMRR	71dB CMRR	71dB CMRR	71dB CMRR, 80dB PSRR
Voltage - Supply, Single/Dual (±)	2.7V ~ 16V, ±1.35V ~ 8V	2.7V ~ 16V, ±1.35V ~ 8V	2.7V ~ 16V, ±1.35V ~ 8V	2.7V ~ 16V
Series	-	Automotive, AEC-Q100	-	-
Propagation Delay (Max)	-	-	-	2.1µs
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Elements	2	2	2	2
Hysteresis	-	-	-	-
Output Type	CMOS, Open-Drain	CMOS, Open-Drain	CMOS, Open-Drain	-
Current - Input Bias (Max)	1pA @ 5V	1pA @ 5V	1pA @ 5V	1pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset (Max)	5mV @ 10V	5mV @ 10V	5mV @ 10V	1.4mV (Typ)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC

## TS393ID Datasheet PDF

Download TS393ID pdf datasheets and STMicroelectronics documentation for TS393ID - STMicroelectronics.






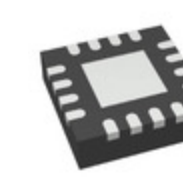


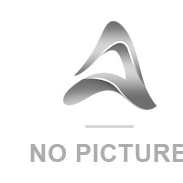

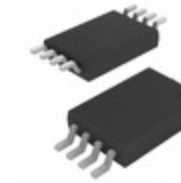
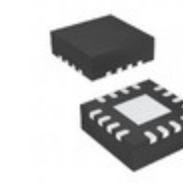
### Datasheets

Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products



TS3931YDT	TS3931DT	TS393DR2G	TS393CN	TS393IN	TS393CS RLG
STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	onsemi IC COMPARATOR 2 GEN PUR 8SOIC	STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP	STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP	Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8SOP
					
<b>TS3A226EYFFR</b> Texas Instruments IC AUDIO SWITCH 9DSBGA	<b>TS3A226AEYFFR</b> Texas Instruments IC AUDIO SWITCH 9DSBGA	<b>TS393CD C3G</b> Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8DIP	<b>TS3A225EYFFR</b> Texas Instruments IC AUDIO SWITCH HDST 16DSBGA	<b>TS391RILT</b> STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5	<b>TS3A225ERTER</b> Texas Instruments IC AUDIO SWITCH HDST 16WQFN
					
<b>TS391SN2T1G</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	<b>TS393CDT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	<b>TS39204</b> NA	<b>TS393CS</b> Taiwan Semiconductor Corporation DUAL VOLTAGE COMPARATOR	<b>TS393IPT</b> STMicroelectronics IC COMPARATOR 2 GEN PUR 8TSSOP	<b>TS3A227ERVAR</b> Texas Instruments IC DETECTION SWITCH 16WQFN

## 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.



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-  Fast Sourcing & Delivery

Contact us if you have any questions.

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-  Email  
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