

TS391RILT

Data sheet

Manufacturer Part Number TS391RILT

Manufacturer STMicroelectronics

Allelco Part Number 32D-TS391RILT

ECAD Model

PCB Symbol, Footprint
& 3D Mode

Parts Description IC COMPARATOR 1 GEN PUR SOT23-5

TS391.pdf

Package SC-74A, SOT-753

RoHs Status ROHS3 Compliant

Get a Quote



Image may be representation.

See specifications for product details.

TS391RILT - STMicroelectronics.New Original in Stock. Download Linear Technology TS391RILT datasheet/specifications on AllelcoElec.com. Request a quote for TS391RILT, please send us email: info@allelco.com

Specifications

TS391RILT Tech Specifications

 ${\sf TS391RILT-STM} icroelectronics\ technical\ specifications,\ attributes,\ parameters$

1555TALET STANGOCICCUONICS CERTIFICAL SPECIFICATIONS, AUTIDATES, PARAMETERS				
Product Attribute	Attribute Value	Product Attribute	Attribute Value	
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C	
Voltage - Supply, Single/Dual (±)	2V ~ 36V, ±1V ~ 18V	Number of Elements	1	
Voltage - Input Offset (Max)	5mV @ 30V	Mounting Type	Surface Mount	
Туре	General Purpose	Hysteresis	-	
Supplier Device Package	SOT-23-5	Current - Quiescent (Max)	1.25mA	
Series	-	Current - Output (Typ)	16mA @ 5V	
Propagation Delay (Max)	-	Current - Input Bias (Max)	0.25μA @ 5V	
Package / Case	SC-74A, SOT-753	CMRR, PSRR (Typ)	-	
Package	Tape & Reel (TR)	Base Product Number	TS391	
Output Type	CMOS, DTL, ECL, MOS, TTL			

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS391RILT

Product Attribute					
Manufacturer STM/conductronics Tawan Semiconductor Corporation STM/conductronics Voltage - Supply, Single/Dual (a) 2V ~ 16V, A1V ~ 16V 2V ~ 36V, A1V ~ 16V 2V ~ 20V, A1V ~ 16V 0V ~ 20V <	Product Attribute		TAIWAN SEMICONDUCTOR		Who was a second
Voltage - Supply, Single/Doul (±) ZV ~ 38V, ±1V ~ 18V ZV ~ 38V, ±1V ~ 18V ZV ~ 38V, ±1V ~ 18V ZV ~ 18V, ±1.55 V ~ 8V Operating Temperature -40°C ~ 125°C 5°C ~ 20°C 0°C ~ 70°C 0°C ~ 70°C 0°C ~ 70°C Package / Case 5C-74A, 507-723 8-50C(0.15°t, 3.90m Wulder) 8-50C(0.15°t, 3.90m Wulder) 6-50P (0.300 /, 26mm) Voltage - Input Offset (Max) 5mV (0.30V 5mV (0.30V 2mV (0.50V 5mV (0.30V 5mV (0.30V Package Tape & Red (TR) Tape & Red (TR) 7mV (0.50V 7mV (0.50V <t< td=""><td>Part Number</td><td>TS391RILT</td><td>TS393CS</td><td>TS393CS RLG</td><td>TS393CN</td></t<>	Part Number	TS391RILT	TS393CS	TS393CS RLG	TS393CN
Operating Temperature 40°C - 125°C 0°C - 70°C 0°C - 70°C 0°C - 70°C Package / Case 55C 7A4, 507 733 8 500C (0.154°, 3.50mm Wodth) 9 500 P (0.1040 Wodth) 9 500 P (0.1040 Wodth) 9 500 P (0.1540 Wodth) 9 500 P (0.1540 Wodth) 9 500 P (0.500 Wodth) 9 500 P (0.500 Wodth) 9 500 P (0.1540 Wodth)	Manufacturer	STMicroelectronics	Taiwan Semiconductor Corporation	Taiwan Semiconductor Corporation	STMicroelectronics
Package / Case 5C-74A, SOT-753 8-SOIC (0.154*, 3-SOmm Width) 8-SOIC (0.154*, 3-SOmm Width) 8-DIP (0.300*, 7-6.2mm) Voltage - Input Offset (Max) 5mV @ 30V 5mV @ 30V 2mV @ 5V 5mV @ 10V Package Tape R Red (TR) Tape R Red (TR) Tape R Red (TR) Tube Mysteresis - - CMOS, DTI, EQ, MOS, TTI. CMOS, DTI, EQ, MOS, TTI. CMOS, DTI, EQ, MOS, TTI. CMOS, DGI, EQ,	Voltage - Supply, Single/Dual (±)	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V	2.7V ~ 16V, ±1.35V ~ 8V
Voltage - Input Offset (Max) SmV @ 3DV ZmV @ 5V SmV @ 1DV Package Tape & Red (TR) Tape & Red (TR) Tape & Red (TR) Tube Hysteresis - Output Type CMOS, DTL, ECL, MOS, TTL - CMOS, DTL, ECL, MOS, TTL TDLAGE, MOS, TTL TDLAGE, MOS, TTL TDLAGE, MOS, TTL TDLAGE, MOS, TTL T	Operating Temperature	-40°C ~ 125°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Tube Hysteresis - - - - - - Output Type CMOS, DTL, ECL, MOS, TTL - CMOS, DTL, ECL, MOS, TTL CMOS, Open-Drain Current - Input Bias (Max) 0.25µA @ 5V - 0.025µA ImA 25µA Current - Quiescent (Max) 1.25mA 25mA ImA 5V 20mA Current - Output (Typ) 16mA @ 5V 16mA @ 5V 20mA 17533 17533 Base Product Number TS391 - - 7108 CMRR 7108 CMRR CMRR, PSRR (Typ) - - 7108 CMRR 7108 CMRR Type General Purpose General Purpose General Purpose General Purpose General Purpose - Number of Elements 1 2 2 2 Mounting Type Surface Mount Surface Mount Through Hole Supplier Device Package 501-23-5 8-50P 8-50P 8-50P </td <td>Package / Case</td> <td>SC-74A, SOT-753</td> <td>8-SOIC (0.154", 3.90mm Width)</td> <td>8-SOIC (0.154", 3.90mm Width)</td> <td>8-DIP (0.300', 7.62mm)</td>	Package / Case	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300', 7.62mm)
Hysteresis - <th< td=""><td>Voltage - Input Offset (Max)</td><td>5mV @ 30V</td><td>5mV @ 30V</td><td>2mV @ 5V</td><td>5mV @ 10V</td></th<>	Voltage - Input Offset (Max)	5mV @ 30V	5mV @ 30V	2mV @ 5V	5mV @ 10V
Output Type CMOS, DTL, ECL, MOS, TTL	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Input Bias (Max) 0.25µA @ 5V - 0.025µA 1pA @ 5V Current - Quiescent (Max) 1.25mA 2.5mA 1mA 25µA Current - Output (Typ) 16mA @ 5V 16mA @ 5V 20mA Base Product Number TS391 - 7393 7393 CMRR, PSRR (Typ) - - 71dB CMRR Type General Purpose General Purpose General Purpose Propagation Delay (Max) - - - Number of Elements 1 2 2 2 Mounting Type Surface Mount Surface Mount Surface Mount Through Hole Supplier Device Package SOT-23-5 8-SOP 8-SOP 8-SOP	Hysteresis	-	-	-	-
Current - Quiescent (Max) 1.25mA 2.5mA 1mA 25µA Current - Output (Typ) 16mA @ 5V 16mA @ 5V 20mA Base Product Number TS391 - TS393 TS393 TS393 CMRR, PSRR (Typ) - - - - 71dB CMRR Type General Purpose General Purpose General Purpose General Purpose General Purpose Propagation Delay (Max) - - - - - Number of Elements 1 2 2 2 2 Mounting Type Surface Mount Surface Mount Surface Mount Through Hole Supplier Device Package SOT-23-5 8-SOP 8-SOP 8-DIP	Output Type	CMOS, DTL, ECL, MOS, TTL	-	CMOS, DTL, ECL, MOS, TTL	CMOS, Open-Drain
Current - Output (Typ) 16mA @ 5V 16mA @ 5V 16mA @ 5V 20mA TS393 TS393 TS393 CMRR, PSRR (Typ)	Current - Input Bias (Max)	0.25μA @ 5V	-	0.025μΑ	1pA @ 5V
Base Product Number 15391 - 15393 TS393 TS393 CMRR, PSRR (Typ)	Current - Quiescent (Max)	1.25mA	2.5mA	1mA	25μΑ
CMRR, PSRR (Typ)	Current - Output (Typ)	16mA @ 5V	16mA @ 5V	16mA @ 5V	20mA
Type General Purpose	Base Product Number	TS391	-	TS393	TS393
Propagation Delay (Max)	CMRR, PSRR (Typ)	-	-	-	71dB CMRR
Number of Elements 1 2 2 2 Mounting Type Surface Mount Surface Mount Surface Mount Through Hole Supplier Device Package SOT-23-5 8-SOP 8-SOP 8-DIP	Туре	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount 8-SOP 8-SOP 8-DIP	Propagation Delay (Max)	-	-	-	-
Supplier Device Package SOT-23-5 8-SOP 8-SOP 8-DIP	Number of Elements	1	2	2	2
	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	Supplier Device Package	SOT-23-5	8-SOP	8-SOP	8-DIP
	Series	-	-	-	-

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PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin



HTML Datasheet



TS391.pdf

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Recommended Products







NO PICTURE



TS393C

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TS393CS

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Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8SOP

TS391AL

UTC/PBF

TS393CN

STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP

TS393CDT

STMicroelectronics

IC COMPARATOR 2 GEN PUR 8SOIC





STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-



TS393CD C3G

Taiwan Semiconductor Corporation IC COMPARATOR 2 GEN PUR 8DIP



NO PICTURE

TS39204

NA



TS391CG-AF5-R

UTC



TS391SN2T1G

onsemi IC COMPARATOR 1 GEN PUR 5TSOP



UTC

TS391CG



TS391CG-AL5-R

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TS393ID

STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC



TS391ILT

STMicroelectronics IC COMPARATOR 1 GEN PUR SOT23-5



TS391IQ2T

STMicroelectronics IC COMPARATOR 1 GEN PUR 8DFN



TS393DR2G

onsemi IC COMPARATOR 2 GEN PUR 8SOIC



TS391IL

STMicroelectronics

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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
ASIA	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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Management



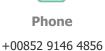














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