

Image may be representation.
See specifications for product details.



LM293DT

Manufacturer Part Number	LM293DT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LM293DT
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	LM293DT.pdf
RoHs Status	ROHS3 Compliant

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LM293DT - STMicroelectronics.New Original in Stock. Download Linear Technology LM293DT datasheet/specifications on AllelcoElec.com.
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Specifications

LM293DT Tech Specifications

LM293DT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Single/Dual (±)	2V ~ 36V, ±1V ~ 18V	Number of Elements	2
Voltage - Input Offset (Max)	5mV @ 30V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	8-SOIC	Current - Quiescent (Max)	2.5mA
Series	-	Current - Output (Typ)	18mA @ 5V
Propagation Delay (Max)	-	Current - Input Bias (Max)	0.25µA @ 5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	-
Package	Tape & Reel (TR)	Base Product Number	LM293
Output Type	CMOS, DTL, ECL, MOS, Open-Collector, TTL		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LM293DT

Product Attribute				
Part Number	LM293DT	LM293AD	LM293P	LM293ST
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	STMicroelectronics
Base Product Number	LM293	LM293	LM293	LM293
Current - Quiescent (Max)	2.5mA	2.5mA	2.5mA	2.5mA
Voltage - Supply, Single/Dual (±)	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V
Current - Output (Typ)	18mA @ 5V	20mA	20mA	18mA @ 5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Operating Temperature	-40°C ~ 105°C	-25°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 105°C
Voltage - Input Offset (Max)	5mV @ 30V	2mV @ 30V	5mV @ 30V	5mV @ 30V
Output Type	CMOS, DTL, ECL, MOS, Open-Collector, TTL	CMOS, MOS, Open-Drain, TTL	CMOS, MOS, Open-Drain, TTL	CMOS, DTL, ECL, MOS, Open-Collector, TTL
Propagation Delay (Max)	-	-	-	-
CMRR, PSRR (Typ)	-	-	-	-
Type	General Purpose	Differential	Differential	General Purpose
Current - Input Bias (Max)	0.25µA @ 5V	0.25µA @ 5V	0.25µA @ 5V	0.25µA @ 5V
Series	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Hysteresis	-	-	-	-
Number of Elements	2	2	2	2
Supplier Device Package	8-SOIC	8-SOIC	8-PDIP	8-MiniSO

LM293DT Datasheet PDF

Download LM293DT pdf datasheets and STMicroelectronics documentation for LM293DT - STMicroelectronics.

PCN Packaging

Cover Tape 07/Sep/2019.pdf

Mult Dev Cover Tape Chg 14/Aug/2019.pdf

PCN Design/Specification











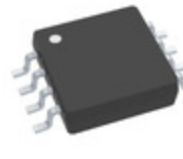







New Material Set for SO8 & SO14 Pkg 18/Nov/2015.pdf

PCN Assembly/Origin

Mult Devices Lead Frame 12/Jan/2018.pdf

Customers Also Interested in

Recommended Products

 LM293AD Texas Instruments IC COMPARATOR 2 DIFF 8SOIC	 LM293P Texas Instruments IC COMPARATOR 2 DIFF 8DIP	 LM293ST STMicroelectronics IC COMPARATOR 2 GEN PUR 8MINISO	 LM293AD STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	 LM2940CSX-12 Texas Instruments IC REG LIN 12V 1A DDPK/TO263-3	 LM293DR Texas Instruments IC COMPARATOR 2 DIFF 8SOIC
 LM293MDREP Texas Instruments IC COMPARATOR 2 DIFF 8SOIC	 LM293PT STMicroelectronics IC COMPARATOR 2 GEN PUR 8TSSOP	 LM293DR2 onsemi IC COMP DUAL OFFSET LV 8SOIC	 LM293N STMicroelectronics IC COMPARATOR 2 GEN PUR 8DIP	 LM293DGKR Texas Instruments IC COMPARATOR 2 DIFF 8VSSOP	 LM2940CSX-9.0 Texas Instruments IC REG LIN 9V 1A DDPK/TO263-3
 LM2940CSX-5.0 Texas Instruments IC REG LIN 5V 1A DDPK/TO263-3	 LM293ADGKR Texas Instruments IC COMPARATOR 2 DIFF 8VSSOP	 LM293ADT STMicroelectronics IC COMPARATOR 2 GEN PUR 8SOIC	 LM293DR2G onsemi IC COMPARATOR 2 GEN PUR 8SOIC	 LM293ADR Texas Instruments IC COMPARATOR 2 DIFF 8SOIC	 LM2940CS-5.0 Texas Instruments IC REG LIN 5V 1A DDPK/TO263-3

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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