



Image may be representation.
See specifications for product details.



L297D013TR

Manufacturer Part Number	L297D013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L297D013TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MOTOR DRV BIPOLAR/UNIPLR 20SO
Package	20-SOIC (0.295', 7.50mm Width)
Data sheet	L297 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L297D013TR - STMicroelectronics.New Original in Stock. Download Linear Technology L297D013TR datasheet/specifications on AllelcoElec.com.
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Specifications

L297D013TR Tech Specifications

L297D013TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	4.75V ~ 7V	Mounting Type	Surface Mount
Voltage - Load	-	Motor Type - Stepper	Bipolar, Unipolar
Technology	-	Motor Type - AC, DC	-
Supplier Device Package	20-SO	Interface	Parallel
Step Resolution	1, 1/2	Function	Controller - Commutation, Direction Management
Series	-	Current - Output	-
Package / Case	20-SOIC (0.295', 7.50mm Width)	Base Product Number	L297
Package	Tape & Reel (TR)	Applications	General Purpose
Output Configuration	Pre-Driver - Half Bridge (4)		

Parts with Similar Specifications

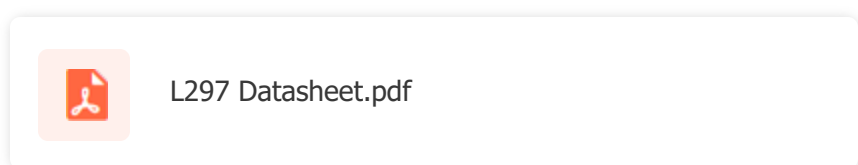
The three parts on the right have similar specifications to STMicroelectronics L297D013TR

Product Attribute				
Part Number	L297D013TR	L297/1	L293NE	L293DNE
Manufacturer	STMicroelectronics	STMicroelectronics	Texas Instruments	Texas Instruments
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Step Resolution	1, 1/2	1, 1/2	-	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Motor Type - Stepper	Bipolar, Unipolar	Bipolar, Unipolar	Bipolar	Bipolar
Voltage - Supply	4.75V ~ 7V	4.75V ~ 7V	4.5V ~ 36V	4.5V ~ 36V
Function	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Output Configuration	Pre-Driver - Half Bridge (4)	Pre-Driver - Half Bridge (4)	Half Bridge (4)	Half Bridge (4)
Base Product Number	L297	L297	L293	L293
Package / Case	20-SOIC (0.295', 7.50mm Width)	20-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)
Voltage - Load	-	-	4.5V ~ 36V	4.5V ~ 36V
Series	-	-	-	-
Supplier Device Package	20-SO	20-DIP	16-PDIP	16-PDIP
Package	Tape & Reel (TR)	Tube	Tube	Tube
Current - Output	-	-	1A	600mA
Technology	-	-	Bipolar	Bipolar
Motor Type - AC, DC	-	-	Brushed DC	Brushed DC
Interface	Parallel	Parallel	Parallel	Parallel

L297D013TR Datasheet PDF

Download L297D013TR pdf datasheets and STMicroelectronics documentation for L297D013TR - STMicroelectronics.

HTML Datasheet



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Recommended Products



L296HT STMicroelectronics IC REG BUCK ADJ 4A 15MULTIWATT	L293DD013 STMicroelectronics	L296-D STMicroelectronics	L297/1 STMicroelectronics IC MOTOR DRVR BIPLR/UNIPLR 20DIP	L298P013TR/L298P	L293NE Texas Instruments IC MTR DRV BIPOLAR 4.5-36V 16DIP
L29C520JC22 Beacon EmbeddedWorks	L298P013TR STMicroelectronics IC HALF BRIDGE DRIVER POWERSO-20	L298HN-LF STMicroelectronics	L296PHT STMicroelectronics IC REG BUCK ADJ 4A 15MULTIWATT	L293DNE Texas Instruments IC MTR DRV BIPOLAR 4.5-36V 16DIP	L2997MR NS
L298HN STMicroelectronics IC HALF BRIDGE DRVR 15MULTIWATT	L293NEE4 Texas Instruments QUADRUPLE HALF-H DRIVERS 16-PDIP	L298CN STMicroelectronics	L296H-12 STMicroelectronics	L297DD STMicroelectronics	L293DD013TR STMicroelectronics IC MTR DRV BIPOLR 4.5-36V 20SOIC

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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