

Image may be representation.
See specifications for product details.



L6228PDTR

Manufacturer Part Number	L6228PDTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L6228PDTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MTR DRV BIPOLAR 8-52V 36PWR50
Package	36-BSSOP (0.433', 11.00mm Width) Exposed Pad
Data sheet	L6228.pdf
RoHs Status	ROHS3 Compliant

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Specifications

L6228PDTR Tech Specifications
L6228PDTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-25°C ~ 125°C (TJ)
Voltage - Supply	8V ~ 52V	Mounting Type	Surface Mount
Voltage - Load	8V ~ 52V	Motor Type - Stepper	Bipolar
Technology	DMOS	Motor Type - AC, DC	-
Supplier Device Package	PowerSO-36	Interface	Parallel
Step Resolution	1, 1/2	Function	Driver - Fully Integrated, Control and Power Stage
Series	STSPIN L62	Current - Output	1.4A
Package / Case	36-BSSOP (0.433', 11.00mm Width) Exposed Pad	Base Product Number	L6228
Package	Tape & Reel (TR)	Applications	General Purpose
Output Configuration	Half Bridge (4)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6228PDTR

Product Attribute				
Part Number	L6228PDTR	L6227N	L6229N	L6228D
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	STSPIN L62	STSPIN L62	STSPIN L62	STSPIN L62
Output Configuration	Half Bridge (4)	Half Bridge (4)	Half Bridge (3)	Half Bridge (4)
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Motor Type - Stepper	Bipolar	Bipolar	-	Bipolar
Voltage - Supply	8V ~ 52V	8V ~ 52V	12V ~ 52V	8V ~ 52V
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Supplier Device Package	PowerSO-36	24-PowerDIP	24-PowerDIP	24-SO
Package	Tape & Reel (TR)	Tube	Tube	Tube
Step Resolution	1, 1/2	-	-	1, 1/2
Technology	DMOS	DMOS	BiCDMOS	DMOS
Operating Temperature	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)
Current - Output	1.4A	1.4A	1.4A	1.4A
Voltage - Load	8V ~ 52V	8V ~ 52V	12V ~ 52V	8V ~ 52V
Interface	Parallel	Parallel	Parallel	Parallel
Base Product Number	L6228	L6227	L6229	L6228
Package / Case	36-BSSOP (0.433', 11.00mm Width) Exposed Pad	24-PowerDIP (0.300', 7.62mm)	24-PowerDIP (0.300', 7.62mm)	24-SOIC (0.295", 7.50mm Width)
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Motor Type - AC, DC	-	Brushed DC	Brushless DC (BLDC)	-

L6228PDTR Datasheet PDF

Download L6228PDTR pdf datasheets and STMicroelectronics documentation for L6228PDTR - STMicroelectronics.

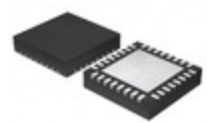
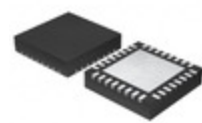
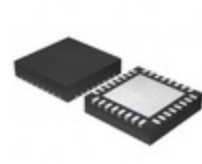
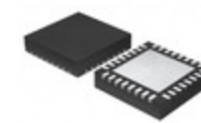
HTML Datasheet



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Recommended Products



L6227NSTMicroelectronics
IC MTR DRVR BIPLR 8-52V
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32VFQFPN**L6229D**STMicroelectronics
IC MOTOR DRIVER 12V-52V 24SO**L6229N**STMicroelectronics
IC MOTOR DRVR 12V-52V
24POWERDIP**L6230PD**STMicroelectronics
IC MOTOR DRIVER 8V-52V
36POWERSO**L6227PD**STMicroelectronics
IC MTR DRV BIPOLAR 8-52V
36PWRSO**L6228D**STMicroelectronics
IC MTR DRVR BIPOLAR 8V-52V 24SO**L6228Q**STMicroelectronics
IC MOTOR DRV BIPOLAR 8-52V
32FPN**L6229Q**STMicroelectronics
IC MOTOR DRIVER 8V-52V
32VFQFPN**L6228PD**STMicroelectronics
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36PWRSO**L6227DTR**STMicroelectronics
IC MTR DRVR BIPOLAR 8V-52V 24SO**L622F**Sensata-Crydom
MODULE SCR/DIO 42.5A 240VAC
PCB**L6229PDTR**STMicroelectronics
IC MOTOR DRVR 12V-52V
36POWERSO**L6228QTR**STMicroelectronics
IC MOTOR DRV BIPOLAR 8-52V
32FPN**L6227PDTR**STMicroelectronics
IC MTR DRV BIPOLAR 8-52V
36PWRSO**L6229PD**STMicroelectronics
IC MOTOR DRVR 12V-52V
36POWERSO**L6227Q**STMicroelectronics
IC MTR DRVR BIPLR 8-52V
32VFQFPN**L6228N**STMicroelectronics
IC MTR DRVR BIPLR 8-52V
24PWRDIP**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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Contact us if you have any questions.



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