

Image may be representation.  
See specifications for product details.



## L6227PDTR

Manufacturer Part Number	<b>L6227PDTR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L6227PDTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MTR DRV BIPOLAR 8-52V 36PWRSO
Package	36-BSSOP (0.433', 11.00mm Width) Exposed Pad
Data sheet	<b>L6227.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

L6227PDTR - STMicroelectronics.New Original in Stock. Download Linear Technology L6227PDTR datasheet/specifications on AllelcoElec.com.  
Request a quote for L6227PDTR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

L6227PDTR Tech Specifications

L6227PDTR - 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	Brushed DC
Supplier Device Package	PowerSO-36	Interface	Parallel
Step Resolution	-	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	L6227
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 L6227PDTR

Product Attribute				
Part Number	L6227PDTR	L6227PD	L6228Q	L6227Q
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Load	8V ~ 52V	8V ~ 52V	8V ~ 52V	8V ~ 52V
Base Product Number	L6227	L6227	L6228	L6227
Operating Temperature	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-25°C ~ 125°C (TJ)
Voltage - Supply	8V ~ 52V	8V ~ 52V	8V ~ 52V	8V ~ 52V
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	DMOS	DMOS	DMOS	DMOS
Output Configuration	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)
Current - Output	1.4A	1.4A	1.4A	1.4A
Interface	Parallel	Parallel	Parallel	Parallel
Series	STSPIN L62	STSPIN L62	STSPIN L62	STSPIN L62
Motor Type - AC, DC	Brushed DC	Brushed DC	-	Brushed DC
Package	Tape & Reel (TR)	Tube	Tray	Tray
Step Resolution	-	-	1, 1/2	-
Motor Type - Stepper	Bipolar	Bipolar	Bipolar	Bipolar
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
Package / Case	36-BSSOP (0.433', 11.00mm Width) Exposed Pad	36-BSSOP (0.433', 11.00mm Width) Exposed Pad	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad
Supplier Device Package	PowerSO-36	PowerSO-36	32-VFQFPN-EP (5x5)	32-VFQFPN (5x5)

### L6227PDTR Datasheet PDF

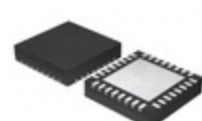
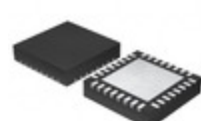
Download L6227PDTR pdf datasheets and STMicroelectronics documentation for L6227PDTR - STMicroelectronics.

HTML Datasheet



### Customers Also Interested in

#### Recommended Products



**L6227PD**STMicroelectronics  
IC MTR DRV BIPOLAR 8-52V  
36PWR50**L6229D**STMicroelectronics  
IC MOTOR DRIVER 12V-52V 2450**L6228D**STMicroelectronics  
IC MTR DRVR BIPOLAR 8V-52V 2450**L6228Q**STMicroelectronics  
IC MOTOR DRV BIPOLAR 8-52V  
32FPN**L6226N**STMicroelectronics  
IC MTR DRVR BIPLR 8-52V  
24PWRDIP**L6227D**STMicroelectronics  
IC MTR DRVR BIPOLAR 8V-52V 2450**L6227Q**STMicroelectronics  
IC MTR DRVR BIPLR 8-52V  
32VFQFPN**L6226QTR**STMicroelectronics  
IC MTR DRVR BIPLR 8-52V  
32VFQFPN**L6228QTR**STMicroelectronics  
IC MOTOR DRV BIPOLAR 8-52V  
32FPN**L6226DTR**STMicroelectronics  
IC MTR DRVR BIPOLAR 8-52V  
2450IC**L6228PD**STMicroelectronics  
IC MTR DRV BIPOLAR 8-52V  
36PWR50**L6226D**STMicroelectronics  
IC MTR DRVR BIPOLAR 8-52V  
2450IC**L6226PD**STMicroelectronics  
IC MTR DRV BIPOLAR 8-52V  
36PWR50**L6226Q**STMicroelectronics  
IC MTR DRVR BIPLR 8-52V  
32VFQFPN**L6227DTR**STMicroelectronics  
IC MTR DRVR BIPOLAR 8V-52V 2450**L6228PDTR**STMicroelectronics  
IC MTR DRV BIPOLAR 8-52V  
36PWR50**L6227N**STMicroelectronics  
IC MTR DRVR BIPLR 8-52V  
24PWRDIP**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.



## 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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