

Image may be representation.  
See specifications for product details.



## L6205PD

Manufacturer Part Number	<b>L6205PD</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L6205PD
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MTR DRV BIPOLAR 8-52V 20PWRSO
Package	20-SOIC (0.433', 11.00mm Width) Exposed Pad
Data sheet	<b>L6205.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

L6205PD - STMicroelectronics. New Original in Stock. Download Linear Technology L6205PD datasheet/specifications on AllelcoElec.com.  
Request a quote for L6205PD, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

L6205PD Tech Specifications  
L6205PD - 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	BICDMOS	Motor Type - AC, DC	Brushed DC
Supplier Device Package	PowerSO-20	Interface	Parallel
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	STSPIN L62	Current - Output	2.8A
Package / Case	20-SOIC (0.433', 11.00mm Width) Exposed Pad	Base Product Number	L6205
Package	Tube	Applications	General Purpose
Output Configuration	Half Bridge (4)		

## Parts with Similar Specifications

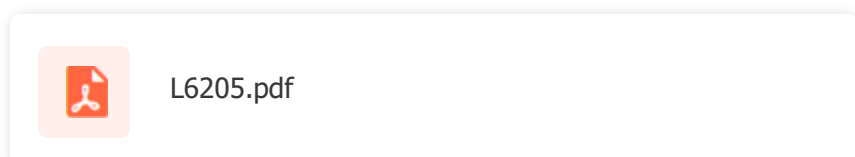
The three parts on the right have similar specifications to STMicroelectronics L6205PD

Product Attribute				
Part Number	L6205PD	L6205N	L6205D	L6205PD013TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Technology	BICDMOS	BICDMOS	BICDMOS	BICDMOS
Voltage - Load	8V ~ 52V	8V ~ 52V	8V ~ 52V	8V ~ 52V
Interface	Parallel	Parallel	Parallel	Parallel
Output Configuration	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Step Resolution	-	-	-	-
Series	STSPIN L62	STSPIN L62	STSPIN L62	STSPIN L62
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
Voltage - Supply	8V ~ 52V	8V ~ 52V	8V ~ 52V	8V ~ 52V
Current - Output	2.8A	2.8A	2.8A	2.8A
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Motor Type - Stepper	Bipolar	Bipolar	Bipolar	Bipolar
Operating Temperature	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)
Base Product Number	L6205	L6205	L6205	L6205
Package / Case	20-SOIC (0.433', 11.00mm Width) Exposed Pad	20-DIP (0.300', 7.62mm)	20-SOIC (0.295', 7.50mm Width)	20-SOIC (0.433", 11.00mm Width) Exposed Pad
Package	Tube	Tube	Tube	Tape & Reel (TR)
Motor Type - AC, DC	Brushed DC	Brushed DC	Brushed DC	Brushed DC
Supplier Device Package	PowerSO-20	20-PowerDIP	20-SO	PowerSO-20

## L6205PD Datasheet PDF

Download L6205PD pdf datasheets and STMicroelectronics documentation for L6205PD - STMicroelectronics.

### HTML Datasheet



## Customers Also Interested in

### Recommended Products

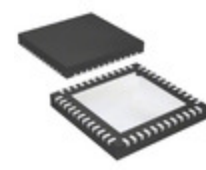


**L6205N**STMicroelectronics  
IC MTR DRV BIPLR 8-52V 20-PWRDIP**L6206PD**STMicroelectronics  
IC HALF BRIDG DRV 2.8A 36POWER50**L6205D**STMicroelectronics  
IC MTR DRVR BIPOLAR 8-52V 20SOIC**L6206N**STMicroelectronics  
IC HALF BRIDG DRV 2.8A 24PWRDIP**L6207D**STMicroelectronics  
IC HALF BRIDGE DRIVER 2.8A 24SO**L6201PSTR**STMicroelectronics  
IC HALF BRIDGE DRIVER 4A 20SO**L6206PD013TR**STMicroelectronics  
IC HALF BRIDG DRV 2.8A 36POWER50**L6205PD013TR**STMicroelectronics  
IC MTR DRV BIPOLAR 8-52V 20PWR50**L6204D013TR**STMicroelectronics  
IC HALF BRIDGE DRIVER 500MA 28SO**L6205D013TR**STMicroelectronics  
IC MTR DRVR BIPOLAR 8-52V 20SOIC**L6204D**STMicroelectronics  
IC HALF BRIDGE DRIVER 500MA 28SO**L6207D013TR**STMicroelectronics  
IC HALF BRIDGE DRIVER 2.8A 24SO**L6205D-LF**

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**L6202-LF**

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**L6206QTR**STMicroelectronics  
IC HALF BRIDGE DRV 2.5A 48VFQFPN**L6206Q**STMicroelectronics  
IC HALF BRIDGE DRV 2.5A 48VFQFPN**L6207N**STMicroelectronics  
IC HALF BRIDG DRV 2.8A 24PWRDIP**L6206D013TR**STMicroelectronics  
IC HALF BRIDGE DRIVER 2.8A 24SO**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 -**

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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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WWW.ALLELCOELEC.COM

**Contact us**

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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