



Image may be representation.  
See specifications for product details.



## STPS5L60S

Manufacturer Part Number	<b>STPS5L60S</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STPS5L60S
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 60V 5A SMC
Package	DO-214AB, SMC
Data sheet	<b>STPS5L60.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

STPS5L60S - STMicroelectronics. New Original in Stock. Download Linear Technology STPS5L60S datasheet/specifications on AllelcoElec.com.  
Request a quote for STPS5L60S, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STPS5L60S Tech Specifications  
STPS5L60S - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	520 mV @ 5 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	60 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	220 µA @ 60 V
Supplier Device Package	SMC	Current - Average Rectified (Io)	5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS5
Package / Case	DO-214AB, SMC		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS5L60S

Product Attribute				
Part Number	STPS5L60S	STPS5H100BY-TR	STPS5H100H	STPS5L40
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Cut Tape (CT)
Supplier Device Package	SMC	DPAK	TO-251 (IPAK)	DO-201AD
Capacitance @ Vr, F	-	-	-	-
Operating Temperature - Junction	150°C (Max)	-40°C ~ 175°C	175°C (Max)	150°C (Max)
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Current - Reverse Leakage @ Vr	220 µA @ 60 V	3.5 µA @ 100 V	3.5 µA @ 100 V	200 µA @ 40 V
Voltage - DC Reverse (Vr) (Max)	60 V	100 V	100 V	40 V
Package / Case	DO-214AB, SMC	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-251-3 Short Leads, IPak, TO-251AA	DO-201AD, Axial
Technology	Schottky	Schottky	Schottky	Schottky
Series	-	Automotive, AEC-Q101	-	-
Base Product Number	STPS5	STPS5	STPS5	STPS5
Voltage - Forward (Vf) (Max) @ If	520 mV @ 5 A	730 mV @ 5 A	730 mV @ 5 A	500 mV @ 5 A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Average Rectified (Io)	5A	5A	5A	5A

### STPS5L60S Datasheet PDF

Download STPS5L60S pdf datasheets and STMicroelectronics documentation for STPS5L60S - STMicroelectronics.

#### Datasheets

[STPS5L60.pdf](#)

#### PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)













#### PCN Assembly/Origin

[Mult Dev Site Chg 14/Feb/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>STPS5H100BN-TR</b> STMicroelectronics	<b>STPS6045CP</b> STMicroelectronics DIODE ARRAY SCHOTTKY 45V SOT93	<b>STPS60H100CT</b> STMicroelectronics DIODE ARRAY SCHOTTKY 100V TO220	<b>STPS5H100BY-TR</b> STMicroelectronics DIODE SCHOTTKY 100V 5A DPAK	<b>STPS5H100H</b> STMicroelectronics DIODE SCHOTTKY 100V 5A TO251	<b>STPS5L40</b> STMicroelectronics DIODE SCHOTTKY 40V 5A DO201AD
					
<b>STPS5L40RL</b> STMicroelectronics DIODE SCHOTTKY 40V 5A DO201AD	<b>STPS6045CW</b> STMicroelectronics DIODE ARRAY SCHOTTKY 45V TO247-3	<b>STPS5H100BTR</b> STMicroelectronics	<b>STPS5L25B-TR</b> STMicroelectronics DIODE SCHOTTKY 25V 5A DPAK	<b>STPS5L60U</b> STMicroelectronics DIODE SCHOTTKY 60V 5A SMB	<b>STPS60150CT</b> STMicroelectronics DIODE ARRAY SCHOTTKY 150V TO220
					
<b>STPS5L60SY</b> STMicroelectronics DIODE SCHOTTKY 60V 5A SMC	<b>STPS60L30CW</b> STMicroelectronics DIODE ARRAY SCHOTTKY 30V TO247-3	<b>STPS60170CT</b> STMicroelectronics DIODE ARRAY SCHOTTKY 170V TO220	<b>STPS60L40CW</b> STMicroelectronics DIODE ARRAY SCHOTTKY 40V TO247-3	<b>STPS5H100SFY</b> STMicroelectronics DIODE SCHOTTKY 100V 5A TO277A	<b>STPS5L60</b> STMicroelectronics DIODE SCHOTTKY 60V 5A DO201AD

## 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  
+00852 9146 4856



Email  
info@allelco.com

## Certifications & Memberships



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