



Image may be representation.  
See specifications for product details.



## STPS130U

Manufacturer Part Number	<b>STPS130U</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STPS130U
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 1A SMB
Package	DO-214AA, SMB
Data sheet	<b>STPS130.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

STPS130U - STMicroelectronics. New Original in Stock. Download Linear Technology STPS130U datasheet/specifications on AllelcoElec.com.  
Request a quote for STPS130U, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STPS130U Tech Specifications  
STPS130U - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	550 mV @ 1 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	30 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	10 µA @ 30 V
Supplier Device Package	SMB	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS130
Package / Case	DO-214AA, SMB		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS130U

Product Attribute				
Part Number	STPS130U	STPS120M	STPS140A	STPS140UY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	550 mV @ 1 A	490 mV @ 1 A	550 mV @ 1 A	650 mV @ 2 A
Current - Average Rectified (Io)	1A	1A	1A	1A
Operating Temperature - Junction	150°C (Max)	150°C (Max)	150°C (Max)	-40°C ~ 150°C
Technology	Schottky	Schottky	Schottky	Schottky
Supplier Device Package	SMB	STmite	SMA (DO-214AC)	SMB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	10 µA @ 30 V	3.9 µA @ 20 V	12 µA @ 40 V	12 µA @ 40 V
Base Product Number	STPS130	STPS120	STPS140	STPS140
Voltage - DC Reverse (Vr) (Max)	30 V	20 V	40 V	40 V
Package / Case	DO-214AA, SMB	DO-216AA	DO-214AC, SMA	DO-214AA, SMB
Series	-	-	-	Q Automotive

### STPS130U Datasheet PDF

Download STPS130U pdf datasheets and STMicroelectronics documentation for STPS130U - STMicroelectronics.

#### Datasheets

[STPS130.pdf](#)

#### PCN Packaging

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

#### PCN Assembly/Origin

[Assembly 17/Sep/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



**STPS1545CFP**  
STMicroelectronics



**STPS1545**  
STMicroelectronics



**STPS130A**  
STMicroelectronics  
DIODE SCHOTTKY 30V 1A SMA

**STPS120M**  
STMicroelectronics  
DIODE SCHOTTKY 20V 1A STMITE



**STPS140A-TR**  
STMicroelectronics



**STPS120L15TV**  
STMicroelectronics  
DIODE MODULE 15V 60A ISOTOP

**STPS140A**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SMA



**STPS140ZY**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SOD123



**STPS140AY**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SMA

**STPS120A**  
STMicroelectronics



**STPS140Z**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SOD123



**STPS120MF**  
STMicroelectronics  
DIODE SCHOTT 20V 1A STMITE FLAT

**STPS125U**  
STMicroelectronics



**STPS140Z-Y**  
STMicroelectronics



**STPS120U**  
STMicroelectronics

**STPS140UY**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SMB



**STPS120E**  
STMicroelectronics



**STPS140U**  
STMicroelectronics  
DIODE SCHOTTKY 40V 1A SMB

## 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.

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## Certifications & Memberships



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