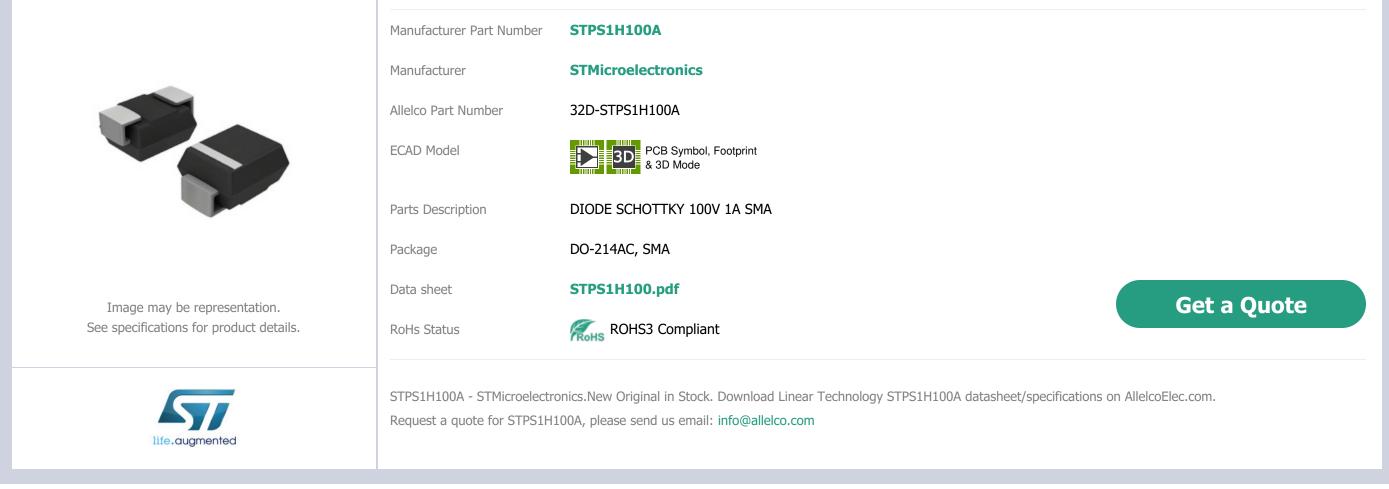


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STPS1H100A



Specifications

STPS1H100A Tech Specifications STPS1H100A - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	770 mV @ 1 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	4 µA @ 100 V
Supplier Device Package	SMA (DO-214AC)	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS1
Package / Case	DO-214AC, SMA		

Parts with Similar Specifications

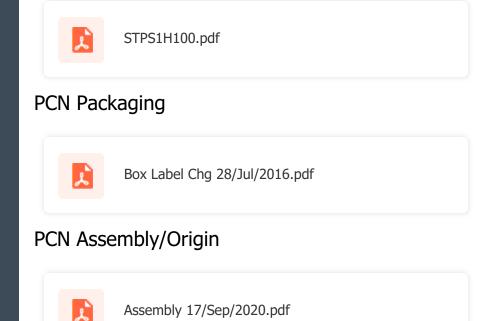
The three parts on the right have similar specifications to STMicroelectronics STPS1H100A

Product Attribute				
Part Number	STPS1H100A	STPS1H100U	STPS1L20M	STPS160U
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Average Rectified (Io)	1A	1A	1A	1A
Current - Reverse Leakage @ Vr	4 μA @ 100 V	4 µA @ 100 V	75 μA @ 20 V	4 µA @ 60 V
Package	Tape & Reel (TR)			
Voltage - Forward (Vf) (Max) @ If	770 mV @ 1 A	770 mV @ 1 A	430 mV @ 1 A	670 mV @ 1 A
Capacitance @ Vr, F	-	-	-	-
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	20 V	60 V
Series	-	-	-	-
Package / Case	DO-214AC, SMA	DO-214AA, SMB	DO-216AA	DO-214AA, SMB
Base Product Number	STPS1	STPS1	STPS1	STPS160
Supplier Device Package	SMA (DO-214AC)	SMB	STmite	SMB
Operating Temperature - Junction	175°C (Max)	175°C (Max)	150°C (Max)	150°C (Max)
Speed	Fast Recovery =< 500ns, > 200mA (Io)			

STPS1H100A Datasheet PDF

Download STPS1H100A pdf datasheets and STMicroelectronics documentation for STPS1H100A - STMicroelectronics.

Datasheets



Customers Also Interested in

Recommended Products













STPS1H100U

STMicroelectronics DIODE SCHOTTKY 100V 1A SMB

STPS16L40CT

STMicroelectronics DIODE ARRAY SCHOTTKY 40V TO220AB

STPS1L20M

STMicroelectronics DIODE SCHOTTKY 20V 1A STMITE

STPS16L45CT

STMicroelectronics

STPS1H100A-TR

STMicroelectronics

STPS160U

STMicroelectronics DIODE SCHOTTKY 60V 1A SMB





STMicroelectronics DIODE ARRAY SCHOTTKY 100V D2PAK



STPS1H100MF

STMicroelectronics DIODE SCHOTT 100V 1A STMITE FLAT



STPS1H100UY

STMicroelectronics DIODE SCHOTTKY 100V 1A SMB



STPS160H100TV

STMicroelectronics DIODE MODULE 100V 80A ISOTOP STPS1L30A

STMicroelectronics DIODE SCHOTTKY 30V 1A SMA



STPS1H100AY

STMicroelectronics DIODE SCHOTTKY 100V 1A SMA



STPS16150CT

STMicroelectronics DIODE ARRAY SCHOTTKY 150V TO220



STPS16H100CT

STMicroelectronics



STPS16H100CG-TR

STMicroelectronics DIODE ARRAY SCHOTTKY 100V D2PAK



STPS1H100AF



STMicroelectronics DIODE SCHOTT 20V 1A STMITE FLAT



STPS16170CB-TR

STMicroelectronics DIODE ARRAY SCHOTTKY 170V DPAK

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		
America	Brazil	7		

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		

USD\$80.00

STMicroelectronics DIODE SCHOTTKY 100V 1A SMAFLAT

STPS1L20MF

	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
Азіа	Japan	7
Middle East	Israel	6

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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Sốt

Efficient Supply Management

Cost-Saving Fast Sourcing & Procurement

Delivery

2.00kg-3.00kg





Email info@allelco.com Certifications & Memberships



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