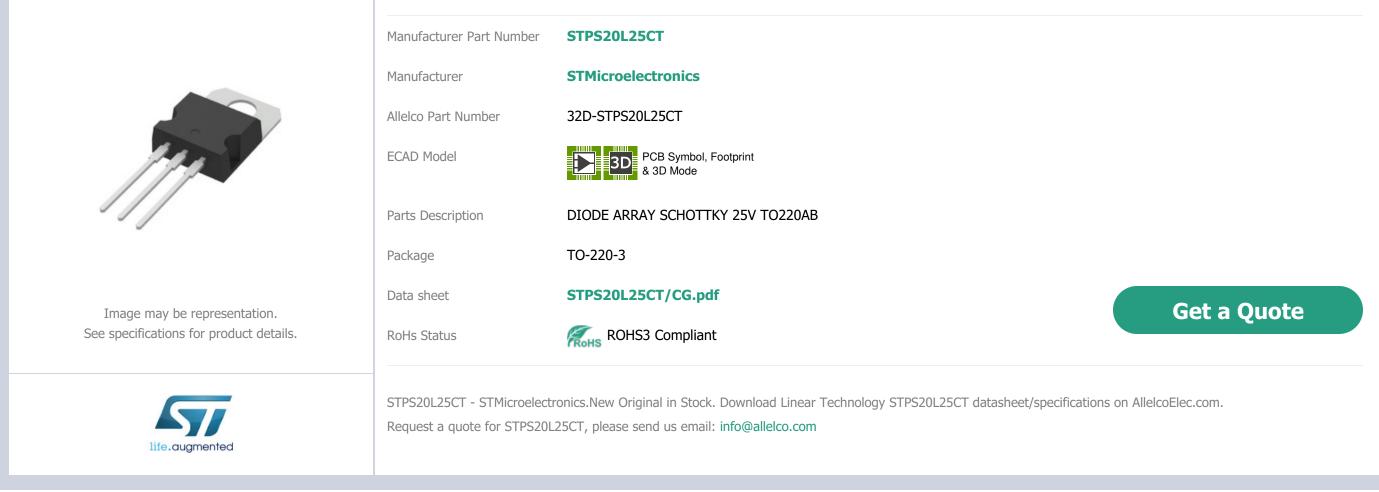


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STPS20L25CT



Specifications

STPS20L25CT Tech Specifications STPS20L25CT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tube
Voltage - Forward (Vf) (Max) @ If	460 mV @ 10 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	25 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-220	Current - Reverse Leakage @ Vr	800 µA @ 25 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	10A
Series	-	Base Product Number	STPS20
Package / Case	TO-220-3		

The three parts on the right have similar specifications to STMicroelectronics STPS20L25CT

Product Attribute	The		17 AN	17 A
Part Number	STPS20L25CT	STPS20L45CG	STPS20L45CT	STPS20L60CT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Reverse Leakage @ Vr	800 µA @ 25 V	200 µA @ 45 V	200 µA @ 45 V	350 µA @ 60 V
Current - Average Rectified (Io) (per Diode)	10A	10A	10A	10A
Series	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Package / Case	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3	TO-220-3
Voltage - DC Reverse (Vr) (Max)	25 V	45 V	45 V	60 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	TO-220	D2PAK	TO-220	TO-220
Technology	Schottky	Schottky	Schottky	Schottky
Operating Temperature - Junction	150°C (Max)	150°C (Max)	150°C (Max)	150°C (Max)
Voltage - Forward (Vf) (Max) @ If	460 mV @ 10 A	550 mV @ 10 A	550 mV @ 10 A	600 mV @ 10 A
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Base Product Number	STPS20	STPS20	STPS20	STPS20
Package	Tube	Tube	Tube	Tube

STPS20L25CT Datasheet PDF

Download STPS20L25CT pdf datasheets and STMicroelectronics documentation for STPS20L25CT - STMicroelectronics.



PCN Design/Specification

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Mult Dev Adv Material Notice 8/Apr/2019.pdf

PCN Assembly/Origin

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Mult Dev Mold Compound Chg 1/May/2019.pdf

Customers Also Interested in

Recommended Products













STPS20L45CG	STPS20L45CT	STPS20L60CT	STPS20L15G MOS	STPS20L25CG-TR/1	STPS20L15G-TR
STMicroelectronics DIODE ARRAY SCHOTTKY 45V D2PAK	STMicroelectronics DIODE ARRAY SCHOTTKY 45V TO220AB	STMicroelectronics DIODE ARRAY SCHOTTKY 60V TO220AB	STMicroelectronics	STMicroelectronics	STMicroelectronics DIODE SCHOTTKY 15V 20A D2PAK
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STPS20L30L	STPS20L40CF	STPS20L25CG	STPS20L15D	STPS20L15GPBF	STPS20L15G
STMicroelectronics	STMicroelectronics	STMicroelectronics DIODE ARRAY SCHOTTKY 25V TO263	STMicroelectronics DIODE SCHOTTKY 15V 20A TO220AC	Electro-Films (EFI) / Vishay	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 20A TO263AB
Ange b Ange b	No. 1			VISHAY.	Angel and a second s
STPS20L15G	STPS20L45CG-TR	STPS20L40CFP	STPS20L45CFP	STPS20L15D	STPS20L25CG-TR
STMicroelectronics DIODE SCHOTTKY 15V 20A D2PAK	STMicroelectronics DIODE ARRAY SCHOTTKY 45V D2PAK	STMicroelectronics DIODE ARRAY SCHOTTKY 40V TO220FP	STMicroelectronics DIODE ARRAY SCHOTTKY 45V TO220FP	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 15V 20A TO220AC	STMicroelectronics DIODE ARRAY SCHOTTKY 25V D2PAK

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		DHL & FedEx Shipment Charges Reference		
Region	Country	Logistic Time(Day)	Shipment charges(KG)	Reference DHL(USD\$)
America	United States	5	0.00kg-1.00kg	USD\$60.00
	Brazil	7	1.00kg-2.00kg	USD\$70.00
	Germany	5	2.00kg-3.00kg	USD\$80.00

	Brazii	/
	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
ריסומ	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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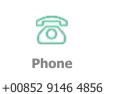
Efficient Supply Management

Cost-Saving Procurement

g Fast Sourcing & nt Delivery

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Contact us if you have any questions.



Email

info@allelco.com









View More



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