



Image may be representation.
See specifications for product details.



STPS20L25CT

Manufacturer Part Number	STPS20L25CT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS20L25CT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ARRAY SCHOTTKY 25V TO220AB
Package	TO-220-3
Data sheet	STPS20L25CT/CG.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS20L25CT - STMicroelectronics.New Original in Stock. Download Linear Technology STPS20L25CT datasheet/specifications on AllelcoElec.com.
Request a quote for STPS20L25CT, please send us email: info@allelco.com

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		

Parts with Similar Specifications

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

Product Attribute				
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.

Datasheets

[STPS20L25CT/CG.pdf](#)

PCN Design/Specification

[Mult Dev Adv Material Notice 8/Apr/2019.pdf](#)

PCN Assembly/Origin

[Mult Dev Mold Compound Chg 1/May/2019.pdf](#)

Customers Also Interested in

Recommended Products



STPS20L45CGSTMicroelectronics
DIODE ARRAY SCHOTTKY 45V
D2PAK**STPS20L30L**

STMicroelectronics

**STPS20L15G**STMicroelectronics
DIODE SCHOTTKY 15V 20A D2PAK**STPS20L45CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 45V
TO220AB**STPS20L40CF**

STMicroelectronics

**STPS20L45CG-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 45V
D2PAK**STPS20L60CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
TO220AB**STPS20L25CG**STMicroelectronics
DIODE ARRAY SCHOTTKY 25V
TO263**STPS20L40CFP**STMicroelectronics
DIODE ARRAY SCHOTTKY 40V
TO220FP**STPS20L15G MOS**

STMicroelectronics

**STPS20L15D**STMicroelectronics
DIODE SCHOTTKY 15V 20A TO220AC**STPS20L45CFP**STMicroelectronics
DIODE ARRAY SCHOTTKY 45V
TO220FP**STPS20L25CG-TR/1**

STMicroelectronics

**STPS20L15GPBF**

Electro-Films (EFI) / Vishay

**STPS20L15D**Vishay General Semiconductor -
Diodes Division
DIODE SCHOTTKY 15V 20A TO220AC**STPS20L15G-TR**STMicroelectronics
DIODE SCHOTTKY 15V 20A D2PAK**STPS20L15G**Vishay General Semiconductor -
Diodes Division
DIODE SCHOTTKY 15V 20A TO263AB**STPS20L25CG-TR**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

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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