



Image may be representation.
See specifications for product details.



STPS2150

Manufacturer Part Number	STPS2150
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS2150
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 150V 2A DO15
Package	DO-204AC, DO-15, Axial
Data sheet	STPS2150.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS2150 - STMicroelectronics.New Original in Stock. Download Linear Technology STPS2150 datasheet/specifications on AllelcoElec.com.
Request a quote for STPS2150, please send us email: info@allelco.com

Specifications

STPS2150 Tech Specifications

STPS2150 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Cut Tape (CT)
Voltage - Forward (Vf) (Max) @ If	820 mV @ 2 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	150 V	Mounting Type	Through Hole
Technology	Schottky	Current - Reverse Leakage @ Vr	1.5 µA @ 150 V
Supplier Device Package	DO-15	Current - Average Rectified (Io)	2A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS2150
Package / Case	DO-204AC, DO-15, Axial		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS2150

Product Attribute				
Part Number	STPS2150	STPS20SM120SFP	STPS2200U	STPS20SM60ST
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Cut Tape (CT)	Tube	Tape & Reel (TR)	Tube
Voltage - DC Reverse (Vr) (Max)	150 V	120 V	200 V	60 V
Supplier Device Package	DO-15	TO-220FPAB	SMB	TO-220
Voltage - Forward (Vf) (Max) @ If	820 mV @ 2 A	890 mV @ 20 A	800 mV @ 2 A	630 mV @ 20 A
Base Product Number	STPS2150	STPS20	STPS2200	STPS20
Capacitance @ Vr, F	-	-	-	-
Current - Reverse Leakage @ Vr	1.5 µA @ 150 V	210 µA @ 120 V	5 µA @ 200 V	85 µA @ 60 V
Operating Temperature - Junction	175°C (Max)	150°C (Max)	-40°C ~ 175°C	150°C (Max)
Package / Case	DO-204AC, DO-15, Axial	TO-220-3 Full Pack	DO-214AA, SMB	TO-220-3
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)	2A	20A	2A	20A
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Series	-	ECOPACK@2	-	-

STPS2150 Datasheet PDF

Download STPS2150 pdf datasheets and STMicroelectronics documentation for STPS2150 - STMicroelectronics.

Datasheets

[STPS2150.pdf](#)

PCN Packaging

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

Customers Also Interested in

Recommended Products



STPS2150A-TR
STMicroelectronics

STPS20SM120SFP
STMicroelectronics
DIODE SCHOTT 120V 20A
TO220FPAB

STPS20SM80CFP
STMicroelectronics
DIODE ARRAY SCHOTTKY 80V
TO220FP

STPS2200U
STMicroelectronics
DIODE SCHOTTKY 200V 2A SMB

STPS20SM60ST
STMicroelectronics
DIODE SCHOTTKY 60V 20A TO220

STPS2150A
STMicroelectronics
DIODE SCHOTTKY 150V 2A SMA



STPS2545CFP
STMicroelectronics

STPS20SM100ST
STMicroelectronics
DIODE SCHOTTKY 100V 20A TO220

STPS20SM100SFP
STMicroelectronics
DIODE SCHOTT 100V 20A TO220FPAB

STPS2170AF
STMicroelectronics
DIODE SCHOTTKY 170V 2A SMAFLAT

STPS2545CG-TR
STMicroelectronics
DIODE ARRAY SCHOTTKY 45V D2PAK

STPS20S100CR
STMicroelectronics
DIODE ARRAY SCHOTTKY 100V I2PAK



STPS20S45CT
STMicroelectronics

STPS24045TV
STMicroelectronics
DIODE MODULE 45V 120A ISOTOP

STPS20SM120ST
STMicroelectronics
DIODE SCHOTTKY 120V 20A TO220

STPS20SM100SR
STMicroelectronics
DIODE SCHOTTKY 100V 20A I2PAK

STPS2200UF
STMicroelectronics
DIODE SCHOTTKY 200V 2A SMBFLAT

STPS20S100CT
STMicroelectronics
DIODE ARRAY SCHOTTKY 100V TO220

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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