



Image may be representation.
See specifications for product details.



STPS10150CG

Manufacturer Part Number	STPS10150CG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS10150CG
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 150V D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STPS10150C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS10150CG - STMicroelectronics.New Original in Stock. Download Linear Technology STPS10150CG datasheet/specifications on AllelcoElec.com.
Request a quote for STPS10150CG, please send us email: info@allelco.com

Specifications

STPS10150CG Tech Specifications
STPS10150CG - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tube
Voltage - Forward (Vf) (Max) @ If	920 mV @ 5 A	Operating Temperature - Junction	175°C (Max)
Voltage - DC Reverse (Vr) (Max)	150 V	Mounting Type	Surface Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	D2PAK	Current - Reverse Leakage @ Vr	2 µA @ 150 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	5A
Series	-	Base Product Number	STPS10150
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS10150CG

Product Attribute				
Part Number	STPS10150CG	STPS10170CG-TR	STPS10150CT	STPS10170CT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Supplier Device Package	D2PAK	D2PAK	TO-220	TO-220
Current - Average Rectified (Io) (per Diode)	5A	5A	5A	5A
Base Product Number	STPS10150	STPS10170	STPS10150	STPS10170
Current - Reverse Leakage @ Vr	2 µA @ 150 V	10 µA @ 170 V	2 µA @ 150 V	10 µA @ 170 V
Series	-	-	-	-
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3	TO-220-3
Voltage - Forward (Vf) (Max) @ If	920 mV @ 5 A	920 mV @ 5 A	920 mV @ 5 A	920 mV @ 5 A
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Tube	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Voltage - DC Reverse (Vr) (Max)	150 V	170 V	150 V	170 V
Technology	Schottky	Schottky	Schottky	Schottky

STPS10150CG Datasheet PDF

Download STPS10150CG pdf datasheets and STMicroelectronics documentation for STPS10150CG - STMicroelectronics.

Datasheets

[STPS10150C.pdf](#)

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Recommended Products

STPS1045B Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 45V 10A DPAK	STPS0540Z-H/J STMicroelectronics	STPS0520Z10K STMicroelectronics	STPS10170CG-TR STMicroelectronics DIODE ARRAY SCHOTTKY 170V D2PAK	STPS1045B STMicroelectronics DIODE SCHOTTKY 45V 10A DPAK	STPS0540Z STMicroelectronics DIODE SCHOTTKY 40V 500MA SOD123

STPS10150CTSTMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO220**STPS10170CB-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
DPAK**STPS0560Z**STMicroelectronics
DIODE SCHOTTKY 60V 500MA
SOD123**STPS10150CG-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
D2PAK**STPS0530Z**STMicroelectronics
DIODE SCHOTTKY 30V 500MA
SOD123**STPS0530Z-H/J**

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STPS1045B-TRSTMicroelectronics
DIODE SCHOTTKY 45V 10A DPAK**STPS10120CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220**STPS0560Z-H/J**

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**STPS10150CFP**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO220F**STPS10170CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
TO220**STPS1002CR**

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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,
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