



Image may be representation.
See specifications for product details.



STPS10150CG-TR

| | |
|--------------------------|--|
| Manufacturer Part Number | STPS10150CG-TR |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-STPS10150CG-TR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| 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-TR - STMicroelectronics.New Original in Stock. Download Linear Technology STPS10150CG-TR datasheet/specifications on AllelcoElec.com.
Request a quote for STPS10150CG-TR, please send us email: info@allelco.com

Specifications

STPS10150CG-TR Tech Specifications

STPS10150CG-TR - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-----------------------------------|--|--|-----------------------|
| Manufacturer | STMicroelectronics | Package | Tape & Reel (TR) |
| 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-TR

| Product Attribute | | | | |
|--|--|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | STPS10150CG-TR | STPS10120CT | STPS10170CT | STPS10150CFP |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Current - Average Rectified (Io) (per Diode) | 5A | 5A | 5A | 5A |
| Mounting Type | Surface Mount | Through Hole | Through Hole | Through Hole |
| Base Product Number | STPS10150 | STPS10120 | STPS10170 | STPS10150 |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) |
| Voltage - Forward (Vf) (Max) @ If | 920 mV @ 5 A | 850 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 |
| Package | Tape & Reel (TR) | Tube | Tube | Tube |
| Operating Temperature - Junction | 175°C (Max) | 175°C (Max) | 175°C (Max) | 175°C (Max) |
| Series | - | - | - | - |
| Package / Case | TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB | TO-220-3 | TO-220-3 | TO-220-3 Full Pack |
| Supplier Device Package | D2PAK | TO-220 | TO-220 | TO-220FP |
| Current - Reverse Leakage @ Vr | 2 µA @ 150 V | 6 µA @ 120 V | 10 µA @ 170 V | 2 µA @ 150 V |
| Technology | Schottky | Schottky | Schottky | Schottky |
| Voltage - DC Reverse (Vr) (Max) | 150 V | 120 V | 170 V | 150 V |

STPS10150CG-TR Datasheet PDF

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

Datasheets

STPS10150C.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

Mult Dev Inner Box Chg 9/Dec/2021.pdf

PCN Design/Specification

D2PAK Lead Modification 04/Oct/2013.pdf

PCN Assembly/Origin

IPG-DIS/14/8398 26/Mar/2014.pdf

Customers Also Interested in

Recommended Products

**STPS10120CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220**STPS10170CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
TO220**STPS10150CFP**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO220F**STPS1045B**STMicroelectronics
DIODE SCHOTTKY 45V 10A DPAK**STPS10170CG-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
D2PAK**STPS0540Z-H/J**

STMicroelectronics

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

STMicroelectronics

**STPS0540Z**STMicroelectronics
DIODE SCHOTTKY 40V 500MA
SOD123**STPS1045B**Vishay General Semiconductor -
Diodes Division
DIODE SCHOTTKY 45V 10A DPAK**STPS0560Z-H/J**

STMicroelectronics

**STPS0530Z**STMicroelectronics
DIODE SCHOTTKY 30V 500MA
SOD123**STPS1045BPBF**

Electro-Films (EFI) / Vishay

**STPS1045B-TR**STMicroelectronics
DIODE SCHOTTKY 45V 10A DPAK**STPS1002CR**

STMicroelectronics

**STPS10150CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
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 |

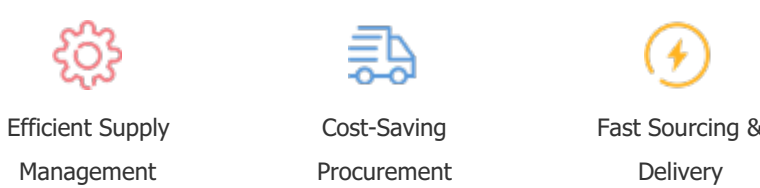
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
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