



Image may be representation.
See specifications for product details.



STPS40150CG

Manufacturer Part Number	STPS40150CG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS40150CG
ECAD Model	PCB Footprint and Symbol
Parts Description	DIODE ARRAY SCHOTTKY 150V D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STPS40150Cx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS40150CG - STMicroelectronics.New Original in Stock. Download Linear Technology STPS40150CG datasheet/specifications on AllelcoElec.com.
Request a quote for STPS40150CG, please send us email: info@allelco.com

Specifications

STPS40150CG Tech Specifications
STPS40150CG - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tube
Voltage - Forward (Vf) (Max) @ If	920 mV @ 20 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	8 µA @ 150 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	20A
Series	-	Base Product Number	STPS40150
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 STPS40150CG

Product Attribute				
Part Number	STPS40150CG	STPS40170CGY-TR	STPS40170CG	STPS40170CT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
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
Operating Temperature - Junction	175°C (Max)	-40°C ~ 175°C	175°C (Max)	175°C (Max)
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	150 V	170 V	170 V	170 V
Series	-	Automotive, AEC-Q101	-	-
Current - Average Rectified (Io) (per Diode)	20A	20A	20A	20A
Supplier Device Package	D2PAK	D ² PAK	D2PAK	TO-220
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-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3
Base Product Number	STPS40150	STPS40170	STPS401	STPS40170
Current - Reverse Leakage @ Vr	8 µA @ 150 V	30 µA @ 170 V	30 µA @ 170 V	30 µA @ 170 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Forward (Vf) (Max) @ If	920 mV @ 20 A	920 mV @ 20 A	920 mV @ 20 A	920 mV @ 20 A
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode

STPS40150CG Datasheet PDF

Download STPS40150CG pdf datasheets and STMicroelectronics documentation for STPS40150CG - STMicroelectronics.

Datasheets

[STPS40150Cx.pdf](#)

PCN Packaging

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)

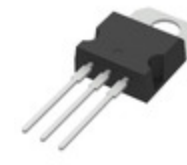
PCN Design/Specification

[D2PAK Lead Modification 04/Oct/2013.pdf](#)

Customers Also Interested in

Recommended Products



STPS40170CGY-TRSTMicroelectronics
DIODE ARRAY SCHOTTKY 170V
D2PAK**STPS40150CW**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO247**STPS4030CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 30V
TO220AB**STPS3L60RL**STMicroelectronics
DIODE SCHOTTKY 60V 3A DO201AD**STPS3L60S**STMicroelectronics
DIODE SCHOTTKY 60V 3A SMC**STPS40170CW**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
TO247**STPS40170CG**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
D2PAK**STPS3L60UF**STMicroelectronics
DIODE SCHOTTKY 60V 3A SMBFLAT**STPS40100CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
TO220**STPS3L60U**STMicroelectronics
DIODE SCHOTTKY 60V 3A SMB**STPS40150CGY-TR**STMicroelectronics
AUTOMOTIVE 150 V, 50 A POWER
SCH**STPS40120CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220**STPS3L60UY**STMicroelectronics
DIODE SCHOTTKY 60V 3A SMB**STPS40150CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO220**STPS3L60SY**STMicroelectronics
DIODE SCHOTTKY 60V 3A SMC**STPS40170CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
TO220**STPS40150CG-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
D2PAK**STPS4045CP**STMicroelectronics
DIODE ARRAY SCHOTTKY 45V
SOT93

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.

 Phone
+00852 9146 4856

 Email
info@allelco.com

Certifications & Memberships



[View More](#)

Contact us

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

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com