



Image may be representation.
See specifications for product details.



STTH1512G-TR

Manufacturer Part Number	STTH1512G-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH1512G-TR
ECAD Model	PCB Footprint and Symbol
Parts Description	DIODE GEN PURP 1.2KV 15A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STTH1512.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH1512G-TR - STMicroelectronics.New Original in Stock. Download Linear Technology STTH1512G-TR datasheet/specifications on AllelcoElec.com.
Request a quote for STTH1512G-TR, please send us email: info@allelco.com

Specifications

STTH1512G-TR Tech Specifications

STTH1512G-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Voltage - Forward (Vf) (Max) @ If	2.1 V @ 15 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	1200 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	D ² PAK	Current - Reverse Leakage @ Vr	15 µA @ 1200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	15A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	105 ns	Base Product Number	STTH1512

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH1512G-TR

Product Attribute				
Part Number	STTH1512G-TR	STTH15AC06FP	STTH1512G	STTH1502D
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-2 Full Pack	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-2
Voltage - Forward (Vf) (Max) @ If	2.1 V @ 15 A	1.9 V @ 15 A	2.1 V @ 15 A	1.1 V @ 15 A
Current - Average Rectified (Io)	15A	15A	15A	15A
Reverse Recovery Time (trr)	105 ns	55 ns	105 ns	36 ns
Voltage - DC Reverse (Vr) (Max)	1200 V	600 V	1200 V	200 V
Technology	Standard	Standard	Standard	Standard
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Package	Tape & Reel (TR)	Tube	Tube	Tube
Supplier Device Package	D ² PAK	TO-220FPAC	D2PAK	TO-220AC
Series	-	-	-	-
Base Product Number	STTH1512	STTH15	STTH1512	STTH1502
Current - Reverse Leakage @ Vr	15 µA @ 1200 V	2 µA @ 600 V	15 µA @ 1200 V	10 µA @ 200 V
Capacitance @ Vr, F	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)

STTH1512G-TR Datasheet PDF

Download STTH1512G-TR pdf datasheets and STMicroelectronics documentation for STTH1512G-TR - STMicroelectronics.

Datasheets

STTH1512.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

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

Customers Also Interested in

Recommended Products



STTH15AC06FP

STMicroelectronics
DIODE GP 600V 15A TO220FPAC



STTH1512G

STMicroelectronics
DIODE GEN PURP 1.2KV 15A D2PAK



STTH1502D

STMicroelectronics
DIODE ARRAY GP 600V 15A TO220AC



STTH1512GY-TR

STMicroelectronics
DIODE GEN PURP 1.2KV 15A D2PAK



STTH15AC06CT

STMicroelectronics
DIODE ARRAY GP 600V 7.5A TO220AB



STTH15AC06CFP

STMicroelectronics
DIODE ARRAY GP 600V 7.5A TO220FP



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STTH1502DI

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DIODE GP 200V 15A TO220AC INS



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STTH1502

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STTH15L06FP

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DIODE GP 600V 15A TO220FPAC



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STTH1512D

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DIODE GEN PURP 1.2KV 15A TO220AC



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STTH1512PI

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DIODE GEN PURP 1.2KV 15A DOP3I



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STTH1506DI

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STTH15L06D

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DIODE GEN PURP 600V 15A TO220AC



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STTH1506DPI

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DIODE GEN PURP 600V 15A DOP3I



NO PICTURE

STTH1506DF

LT



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STTH1502FP

STMicroelectronics
DIODE GP 200V 15A TO220FPAC



STTH1512W

STMicroelectronics
DIODE GEN PURP 1.2KV 15A DO247



STTH1506TPI

STMicroelectronics
DIODE ARRAY GP 600V 15A 3TOPI

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



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