

Get a Quote



STTH8R06G-TR

Manufacturer

RoHs Status

Manufacturer Part Number STTH8R06G-TR

Allelco Part Number 32D-STTH8R06G-TR

PCB Footprint and Symbol ECAD Model

DIODE GEN PURP 600V 8A D2PAK Parts Description

TO-263-3, D²Pak (2 Leads + Tab), TO-263AB Package

STMicroelectronics

STTH8R06.pdf Data sheet ROHS3 Compliant

STTH8R06G-TR - STMicroelectronics.New Original in Stock. Download Linear Technology STTH8R06G-TR datasheet/specifications on AllelcoElec.com.

Request a quote for STTH8R06G-TR, please send us email: info@allelco.com

Specifications

STTH8R06G-TR Tech Specifications

STTH8R06G-TR - STMicroelectronics technical specifications, attributes, parameters

Image may be representation.

See specifications for product details.

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	2.9 V @ 8 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	D2PAK	Current - Reverse Leakage @ Vr	30 μA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	8A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	45 ns	Base Product Number	STTH8R06

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH8R06G-TR

The three parts on the right have similar specifications to STMicroelectronics STTH8R06G-TR						
Product Attribute			life.augmented			
Part Number	STTH8R06G-TR	STTH8R04G-TR	STTH8S12D	STTH8R06GY-TR		
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics		
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-220-2	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB		
Current - Average Rectified (Io)	8A	8A	8A	8A		
Current - Reverse Leakage @ Vr	30 μA @ 600 V	10 μA @ 400 V	5 μA @ 1200 V	30 μA @ 600 V		
Series	-	-	-	Automotive, AEC-Q101		
Voltage - DC Reverse (Vr) (Max)	600 V	400 V	1200 V	600 V		
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount		
Base Product Number	STTH8R06	STTH8	STTH8	STTH8		
Voltage - Forward (Vf) (Max) @ If	2.9 V @ 8 A	1.5 V @ 8 A	2.7 V @ 8 A	3.2 V @ 8 A		
Supplier Device Package	D2PAK	D2PAK	TO-220AC	D ² PAK		
Capacitance @ Vr, F	-	-	-	-		
Reverse Recovery Time (trr)	45 ns	50 ns	45 ns	45 ns		
Operating Temperature - Junction	175°C (Max)	-40°C ~ 175°C	175°C (Max)	-40°C ~ 175°C		
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)		
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)		
Technology	Standard	Standard	Standard	Standard		

▼ STTH8R06G-TR Datasheet PDF

Download STTH8R06G-TR pdf datasheets and STMicroelectronics documentation for STTH8R06G-TR - STMicroelectronics.

Datasheets

STTH8R06.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf Mult Dev Inner Box Chg 9/Dec/2021.pdf

PCN Assembly/Origin

Mult Devices Wafer 14/May/2018.pdf

PCN Design/Specification

D2PAK Lead Modification 04/Oct/2013.pdf

Customers Also Interested in

Recommended Products



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STTH8R06GY-TR





STTH8R04G-TR

STMicroelectronics DIODE GEN PURP 400V 8A D2PAK



STMicroelectronics STMicroelectronics DIODE GEN PURP 1.2KV 8A TO220AC



STMicroelectronics DIODE GEN PURP 600V 8A D2PAK STMicroelectronics

STTH8S06D

DIODE GEN PURP 600V 8A TO220AC

STMicroelectronics

STTH8R04G

DIODE GEN PURP 400V 8A D2PAK





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STTH8ST06DI

STMicroelectronics DIODE GP 600V 8A TO220AC INS life.augmented

STTH8R04DIRG STTH8R04DI

STMicroelectronics

STTH8T06DI

STMicroelectronics DIODE GP 400V 8A TO220AC INS

STMicroelectronics DIODE MODULE 1.2KV 45A ISOTOP

STTH9012TV1

STMicroelectronics DIODE GP 600V 8A TO220AC INS STTH8R06DIRG

STMicroelectronics

DIODE GP 600V 8A TO220AC INS



STTH8S06B-TR STTH8R06FP

STMicroelectronics DIODE GEN PURP 600V 8A DPAK



STTH8S06FP

STMicroelectronics DIODE GEN PURP 600V 8A TO220FPAC



STMicroelectronics DIODE GEN PURP 600V 8A

TO220FPAC



DIODE GEN PURP 600V 8A D2PAK

STTH8R06G STMicroelectronics



STTH8R04FP

STMicroelectronics

DIODE GEN PURP 400V 8A

TO220FPAC

life.augmented

STTH8R06D

STMicroelectronics DIODE GEN PURP 600V 8A TO220AC

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			
America	Brazil	7			
	Germany	5			
Europe	United Kingdom	4			
	Italy	5			
Oceania	Australia	6			
Oceania	New Zealand	7			
Asia	India	6			
ASIa	Japan	7			
Middle East	Israel	6			

DHL & FedEx Shipment Charges Reference Reference DHL(USD\$) **Shipment charges(KG)** 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 -

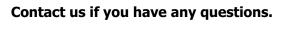


Management



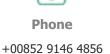




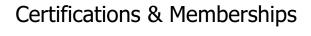


Procurement





















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