



Image may be representation.  
See specifications for product details.



## STTH200R04TV1

Manufacturer Part Number	<b>STTH200R04TV1</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STTH200R04TV1
ECAD Model	3D Model
Parts Description	DIODE MODULE 400V 100A ISOTOP
Package	ISOTOP
Data sheet	<b>STTH200R04TV.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STTH200R04TV1 - STMicroelectronics.New Original in Stock. Download Linear Technology STTH200R04TV1 datasheet/specifications on AllelcoElec.com.  
Request a quote for STTH200R04TV1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STTH200R04TV1 Tech Specifications  
STTH200R04TV1 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	ISOTOP
Voltage - Forward (Vf) (Max) @ If	1.35 V @ 100 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	400 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP®	Diode Configuration	2 Independent
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	80 µA @ 400 V
Series	-	Current - Average Rectified (Io) (per Diode)	100A
Reverse Recovery Time (trr)	100 ns	Base Product Number	STTH200

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH200R04TV1

Product Attribute				
Part Number	STTH200R04TV1	STTH200L04TV1	STTH20LCD06CFP	STTH200W06TV1
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	ISOTOP	ISOTOP	TO-220-3 Full Pack	SOT-227-4, miniBLOC
Base Product Number	STTH200	STTH200	STTH20	STTH2
Package	Tube	Tube	Tube	Tube
Current - Average Rectified (Io) (per Diode)	100A	120A	10A	100A
Technology	Standard	Standard	Standard	Standard
Voltage - Forward (Vf) (Max) @ If	1.35 V @ 100 A	1.2 V @ 100 A	2 V @ 10 A	1.5 V @ 100 A
Series	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - DC Reverse (Vr) (Max)	400 V	400 V	600 V	600 V
Reverse Recovery Time (trr)	100 ns	100 ns	50 ns	75 ns
Operating Temperature - Junction	-55°C ~ 150°C	150°C (Max)	175°C (Max)	150°C (Max)
Current - Reverse Leakage @ Vr	80 µA @ 400 V	100 µA @ 400 V	1 µA @ 600 V	30 µA @ 600 V
Mounting Type	Chassis Mount	Chassis Mount	Through Hole	Chassis Mount
Diode Configuration	2 Independent	2 Independent	1 Pair Common Cathode	2 Independent
Supplier Device Package	ISOTOP®	ISOTOP®	TO-220FPAB	ISOTOP

### STTH200R04TV1 Datasheet PDF

Download STTH200R04TV1 pdf datasheets and STMicroelectronics documentation for STTH200R04TV1 - STMicroelectronics.

#### Datasheets

[STTH200R04TV.pdf](#)

#### PCN Design/Specification

[Mult Dev Adv Material Notice 8/Apr/2019.pdf](#)

#### PCN Assembly/Origin

[Mold compound 20/May/2019.pdf](#)

### Customers Also Interested in

#### Recommended Products



**STTH200F04TV1**  
STMicroelectronics  
DIODE GEN PURP 400V 100A  
ISOTOP



**STTH208U**  
STMicroelectronics  
DIODE GEN PURP 800V 2A SMB



**STTH200R04TV**  
STMicroelectronics  
IGBT Module



**STTH200L04TV1**  
STMicroelectronics  
DIODE MODULE 400V 120A ISOTOP



**STTH20LCD06CFP**  
STMicroelectronics  
DIODE ARRAY GP 600V 10A  
TO220FP



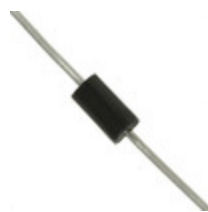
**STTH200W06TV1**  
STMicroelectronics  
DIODE MODULE 600V 100A ISOTOP



**STTH200L04TV**  
STMicroelectronics  
IGBT Module



**STTH20LCD06CT**  
STMicroelectronics  
DIODE ARRAY GP 600V 10A  
TO220AB



**STTH208**  
STMicroelectronics  
DIODE GEN PURP 800V 2A DO15



**STTH20L03CT**  
STMicroelectronics  
DIODE ARRAY GP 300V 10A  
TO220AB



**STTH200L06TV1**  
STMicroelectronics  
DIODE MODULE 600V 120A ISOTOP



**STTH208UFY**  
STMicroelectronics  
DIODE GEN PURP 800V 2A SMBFLAT



**STTH20LCD06CG-TR**  
STMicroelectronics  
DIODE ARRAY GP 600V 10A D2PAK



**STTH2004S**  
STMicroelectronics



**STTH2004SG-TR**  
STMicroelectronics  
DFD THYR TRIAC & RECTIFIER



**STTH200L06TV**  
STMicroelectronics  
IGBT Module



**STTH200W04TV1**  
STMicroelectronics  
DIODE MODULE 400V 100A ISOTOP



**STTH20LCD06C**  
STMicroelectronics

## 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 Alleco 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@alleco.com

## Certifications & Memberships



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