STTH20002TV1

Manufacturer Part Number	**STTH20002TV1**
Manufacturer	**STMicroelectronics**
Allelco Part Number	32D-STTH20002TV1
ECAD Model	3D 3D Model
Parts Description	DIODE MODULE 200V 120A ISOTOP
Package	ISOTOP
Data sheet	**STTH20002TV.pdf**
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

STTH20002TV1 - STMicroelectronics.New Original in Stock. Download Linear Technology STTH20002TV1 datasheet/specifications on AllelcoElec.com.
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Specifications

STTH20002TV1 Tech Specifications
STTH20002TV1 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	ISOTOP
Voltage - Forward (Vf) (Max) @ If	1.05 V @ 100 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	150°C (Max)
Technology	Standard	Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP®	Diode Configuration	2 Independent
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	100 μA @ 200 V
Series	-	Current - Average Rectified (Io) (per Diode)	120A
Reverse Recovery Time (trr)	50 ns	Base Product Number	STTH20002

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH20002TV1

Product Attribute				
Part Number	STTH20002TV1	STTH20003TV1	STTH2002CR	STTH20004TV1
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Technology	Standard	Standard	Standard	Standard
Voltage - DC Reverse (Vr) (Max)	200 V	300 V	200 V	400 V
Voltage - Forward (Vf) (Max) @ If	1.05 V @ 100 A	1.2 V @ 100 A	1.1 V @ 10 A	1.2 V @ 100 A
Package / Case	ISOTOP	ISOTOP	TO-262-3 Long Leads, I²Pak, TO-262AA	ISOTOP
Current - Reverse Leakage @ Vr	100 μA @ 200 V	200 μA @ 300 V	10 μA @ 200 V	100 μA @ 400 V
Base Product Number	STTH20002	STTH20003	STTH2002	STTH20004
Mounting Type	Chassis Mount	Chassis Mount	Through Hole	Chassis Mount
Reverse Recovery Time (trr)	50 ns	90 ns	27 ns	100 ns
Series	-	-	-	-
Supplier Device Package	ISOTOP®	ISOTOP®	I2PAK	ISOTOP®
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Tube	Tube	Tube	Tube
Current - Average Rectified (Io) (per Diode)	120A	100A	15A	120A
Diode Configuration	2 Independent	2 Independent	1 Pair Common Cathode	2 Independent
Operating Temperature - Junction	150°C (Max)	150°C (Max)	175°C (Max)	150°C (Max)

STTH20002TV1 Datasheet PDF

Download STTH20002TV1 pdf datasheets and STMicroelectronics documentation for STTH20002TV1 - STMicroelectronics.

Datasheets

📄 STTH20002TV.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

STTH1R06A	**STTH1R06A-TR**	**STTH20003TV1**	**STTH20002TV2**	**STTH2002CR**	**STTH1R06A-H**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
DIODE GEN PURP 600V 1A SMA		DIODE MODULE 300V 100A ISOTOP	IGBT Module	DIODE ARRAY GP 200V 15A I2PAK	
STTH1R06R	**STTH20004TV1**	**STTH1R06A-H/N**	**STTH2002CG**	**STTH2002CFP**	**STTH1R06RL**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	DIODE MODULE 400V 120A ISOTOP		DIODE ARRAY GP 200V 15A D2PAK	DIODE ARRAY GP 200V 10A TO220FP	DIODE GEN PURP 600V 1A DO41
STTH2002C6	**STTH2002CG-TR**	**STTH1R06U/Z**	**STTH1R06-H/N**	**STTH1R06U**	**STTH1R06**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STM	STMicroelectronics	STMicroelectronics
	DIODE ARRAY GP 200V 15A D2PAK			DIODE GEN PURP 600V 1A SMB	DIODE GEN PURP 600V 1A DO41

🔷 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.
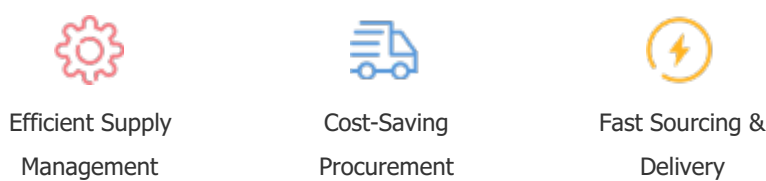
Contact us if you have any questions.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016 | ISO CERTIFIED COMPANY 9001:2015 | ISO CERTIFIED COMPANY 14001:2015

ISO 28000:2007 | IPC Member | SMTA Surface Mount Technology Association

View More

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