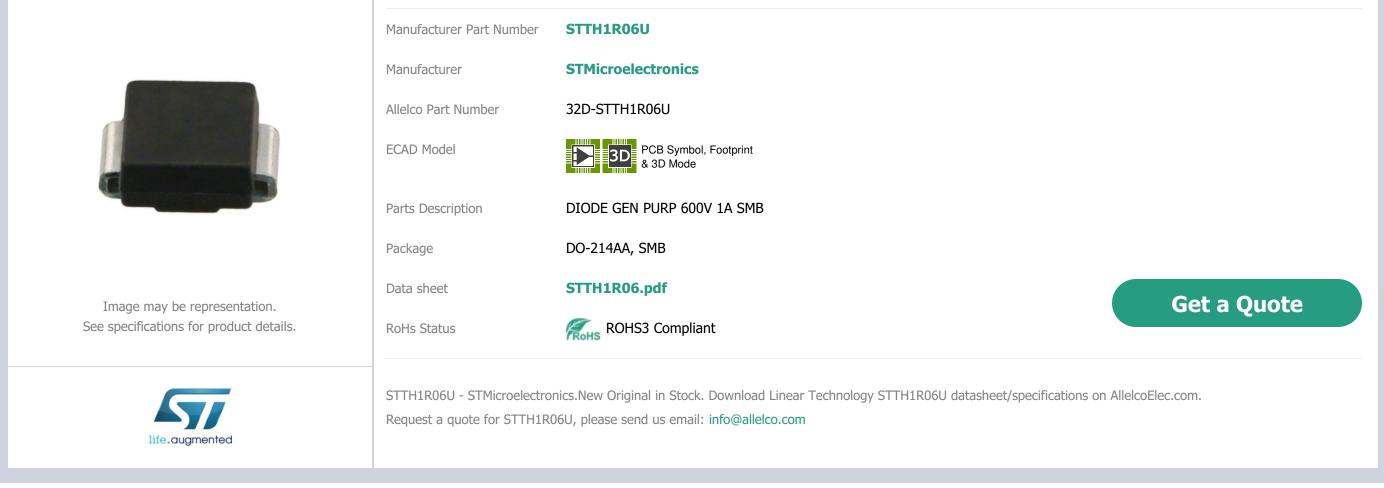


# $\checkmark$

# STTH1R06U



# **Specifications**

STTH1R06U Tech Specifications STTH1R06U - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AA, SMB
Voltage - Forward (Vf) (Max) @ If	1.7 V @ 1 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	SMB	Current - Reverse Leakage @ Vr	1 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	45 ns	Base Product Number	STTH1

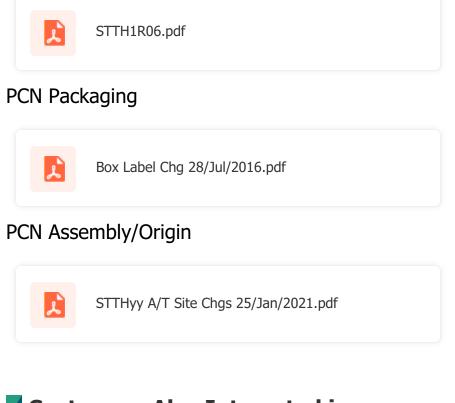
# Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH1R06U

Product Attribute		life.augmented	life.augmented	
Part Number	STTH1R06U	STTH1R06RL	STTH1R04RL	STTH1R04U
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Technology	Standard	Standard	Standard	Standard
Voltage - DC Reverse (Vr) (Max)	600 V	600 V	400 V	400 V
Series	-	-	-	-
Current - Average Rectified (Io)	1A	1A	1A	1A
Voltage - Forward (Vf) (Max) @ If	1.7 V @ 1 A	1.7 V @ 1 A	1.5 V @ 1 A	1.5 V @ 1 A
Package / Case	DO-214AA, SMB	DO-204AL, DO-41, Axial	DO-204AL, DO-41, Axial	DO-214AA, SMB
<b>Operating Temperature - Junction</b>	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Reverse Recovery Time (trr)	45 ns	45 ns	30 ns	30 ns
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Speed	Fast Recovery =< 500ns, > 200mA (Io)			
Package	Tape & Reel (TR)			
Capacitance @ Vr, F	-	-	-	-
Current - Reverse Leakage @ Vr	1 μA @ 600 V	1 µA @ 600 V	5 μA @ 400 V	5 μA @ 400 V
Base Product Number	STTH1	STTH1	STTH1	STTH1
Supplier Device Package	SMB	DO-41	DO-41	SMB

# **STTH1R06U** Datasheet PDF

Download STTH1R06U pdf datasheets and STMicroelectronics documentation for STTH1R06U - STMicroelectronics.



# **Customers Also Interested in**

## **Recommended Products**





STTH1R06RL

STMicroelectronics

STTH20002TV2

STMicroelectronics IGBT Module



DIODE GEN PURP 600V 1A DO41



STTH2002CG

STMicroelectronics DIODE ARRAY GP 200V 15A D2PAK **STTH1R06U/Z** STMicroelectronics life.augmented

life.augmented

STTH1R06A-TR

STMicroelectronics

STTH1R04RL STMicroelectronics DIODE GEN PURP 400V 1A DO41

STMicroelectronics DIODE GEN PURP 400V 1A SMB

 STTH1R04U
 STTH1R06A

 STMicroelectronics
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STMicroelectronics DIODE GEN PURP 600V 1A SMA **କ୍ଟିକ୍ଟିକ୍ଟିକ୍** STTH20003TV1

STMicroelectronics DIODE MODULE 300V 100A ISOTOP



STTH1R06

STMicroelectronics DIODE GEN PURP 600V 1A DO41



STTH1R06A-H/N STMicroelectronics



STTH20004TV1

STMicroelectronics DIODE MODULE 400V 120A ISOTOP



STTH1R06A-H

STMicroelectronics

STTH20002TV1

STMicroelectronics DIODE MODULE 200V 120A ISOTOP STTH1R06-H/N

**NO PICTURE** 

STM

# **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.



STTH2002CFP

STMicroelectronics

DIODE ARRAY GP 200V 10A TO220FP





STTH2002C6

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STTH1R06R STMicroelectronics



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
, OG	Japan	7
Middle East	Israel	6

DHL	&	FedEx	Shipment	Charges	Reference
	~	ICULA	Simplification	Churges	

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 -Cost-SavingFast Sourcing &Efficient SupplyCost-SavingManagementProcurementDelivery

# Contact us if you have any questions.



# **Certifications & Memberships**



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