



Image may be representation.
See specifications for product details.



STTH2R02A

Manufacturer Part Number	STTH2R02A
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH2R02A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 200V 2A SMA
Package	DO-214AC, SMA
Data sheet	STTH2R02.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH2R02A - STMicroelectronics. New Original in Stock. Download Linear Technology STTH2R02A datasheet/specifications on AllelcoElec.com.
Request a quote for STTH2R02A, please send us email: info@allelco.com

Specifications

STTH2R02A Tech Specifications
STTH2R02A - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AC, SMA
Voltage - Forward (Vf) (Max) @ If	1 V @ 2 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMA	Current - Reverse Leakage @ Vr	3 µA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	2A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	30 ns	Base Product Number	STTH2

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH2R02A

Product Attribute				
Part Number	STTH2R02A	STTH2R02U	STTH2R06S	STTH2R06
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Capacitance @ Vr, F	-	-	-	-
Operating Temperature - Junction	175°C (Max)	175°C (Max)	-40°C ~ 175°C	-40°C ~ 175°C
Current - Average Rectified (Io)	2A	2A	2A	2A
Base Product Number	STTH2	STTH2	STTH2	STTH2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	600 V	600 V
Supplier Device Package	SMA	SMB	SMC	DO-41
Voltage - Forward (Vf) (Max) @ If	1 V @ 2 A	1 V @ 2 A	1.7 V @ 2 A	1.7 V @ 2 A
Reverse Recovery Time (trr)	30 ns	30 ns	50 ns	50 ns
Current - Reverse Leakage @ Vr	3 µA @ 200 V	3 µA @ 200 V	2 µA @ 600 V	2 µA @ 600 V
Package / Case	DO-214AC, SMA	DO-214AA, SMB	DO-214AB, SMC	DO-204AL, DO-41, Axial
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Series	-	-	-	-
Technology	Standard	Standard	Standard	Standard

STTH2R02A Datasheet PDF

Download STTH2R02A pdf datasheets and STMicroelectronics documentation for STTH2R02A - STMicroelectronics.

Datasheets

[STTH2R02.pdf](#)

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

PCN Assembly/Origin

[Assembly 17/Sep/2020.pdf](#)

Customers Also Interested in

Recommended Products



STTH2R02U

STMicroelectronics
DIODE GEN PURP 200V 2A SMB



STTH2R06S

STMicroelectronics
DIODE GEN PURP 600V 2A SMC



STTH212S-H/N

STMicroelectronics



STTH2R06

STMicroelectronics
DIODE GEN PURP 600V 2A DO41



STTH2L06U-TR

STMicroelectronics



STTH2L06U

STMicroelectronics
DIODE GEN PURP 600V 2A SMB



STTH212S

STMicroelectronics
DIODE GEN PURP 1.2KV 2A SMC



STTH212

STMicroelectronics
DIODE GEN PURP 1.2KV 2A DO201AD



STTH2R06U

STMicroelectronics
DIODE GEN PURP 600V 2A SMB



STTH2R02QRL

STMicroelectronics
DIODE GEN PURP 200V 2A DO15



STTH2R06A

STMicroelectronics
DIODE GEN PURP 600V 2A SMA



STTH2L06

STMicroelectronics
DIODE GEN PURP 600V 2A DO41



STTH2L06A

STMicroelectronics
DIODE GEN PURP 600V 2A SMA



STTH2R06RL

STMicroelectronics
DIODE GEN PURP 600V 2A DO41



STTH212U

STMicroelectronics
DIODE GEN PURP 1.2KV 2A SMB



STTH2R02UY

STMicroelectronics
DIODE GEN PURP 200V 2A SMB



STTH2R02AFY

STMicroelectronics
DIODE GP 200V 2A SOD128FLAT



STTH25M06FP

STMicroelectronics
DIODE GP 600V 25A TO220FPAC

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.

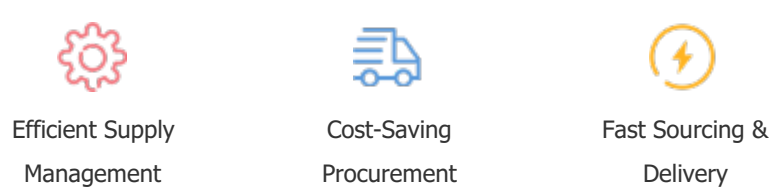
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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