



STTH1R02ZF

Manufacturer Part Number	STTH1R02ZF
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH1R02ZF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 200V 1A SOD123F
Package	SOD-123F
Data sheet	STTH1R02ZF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH1R02ZF - STMicroelectronics.New Original in Stock. Download Linear Technology STTH1R02ZF datasheet/specifications on AllelcoElec.com.
Request a quote for STTH1R02ZF, please send us email: info@allelco.com

Specifications

STTH1R02ZF Tech Specifications
STTH1R02ZF - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	SOD-123F
Voltage - Forward (Vf) (Max) @ If	1 V @ 1 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	SOD-123F	Current - Reverse Leakage @ Vr	500 nA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	32 ns	Base Product Number	STTH1

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH1R02ZF

Product Attribute				
Part Number	STTH1R02ZF	STTH1R02U	STTH1R02Q	STTH1R02RL
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Reverse Recovery Time (trr)	32 ns	30 ns	30 ns	30 ns
Supplier Device Package	SOD-123F	SMB	DO-15	DO-41
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Series	-	-	-	-
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	200 V	200 V
Current - Reverse Leakage @ Vr	500 nA @ 200 V	3 µA @ 200 V	3 µA @ 200 V	3 µA @ 200 V
Current - Average Rectified (Io)	1A	1.5A	1.5A	1.5A
Package / Case	SOD-123F	DO-214AA, SMB	DO-204AC, DO-15, Axial	DO-204AL, DO-41, Axial
Base Product Number	STTH1	STTH1	STTH1	STTH1
Capacitance @ Vr, F	-	-	-	-
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
Voltage - Forward (Vf) (Max) @ If	1 V @ 1 A	1 V @ 1.5 A	1 V @ 1.5 A	1 V @ 1.5 A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)

STTH1R02ZF Datasheet PDF

Download STTH1R02ZF pdf datasheets and STMicroelectronics documentation for STTH1R02ZF - STMicroelectronics.

Datasheets

[STTH1R02ZF.pdf](#)

Customers Also Interested in

Recommended Products

STTH1R02U
STMicroelectronics
DIODE GEN PURP 200V 1.5A SMB

STTH1R02Q
STMicroelectronics
DIODE GEN PURP 200V 1.5A DO15

STTH1R02RL
STMicroelectronics
DIODE GEN PURP 200V 1.5A DO41

STTH1R04RL
STMicroelectronics
DIODE GEN PURP 400V 1A DO41

STTH1R04Q
STMicroelectronics
DIODE GEN PURP 400V 1A DO15

STTH1R06A
STMicroelectronics
DIODE GEN PURP 600V 1A SMA

STTH1R04USTMicroelectronics
DIODE GEN PURP 400V 1A SMB**STTH1R06A-H**

STMicroelectronics

STTH1R04ASTMicroelectronics
DIODE GEN PURP 400V 1A SMA**STTH1L06A**STMicroelectronics
DIODE GEN PURP 600V 1A SMA**STTH1L06**STMicroelectronics
DIODE GEN PURP 600V 1A DO41**STTH1R02A**STMicroelectronics
DIODE GEN PURP 200V 1.5A SMA**STTH1R02QRL**STMicroelectronics
DIODE GEN PURP 200V 1.5A DO15**STTH1R06**STMicroelectronics
DIODE GEN PURP 600V 1A DO41**STTH1R02ZFY**STMicroelectronics
DIODE GEN PURP 200V 1A SOD123F**STTH1L06U**STMicroelectronics
DIODE GEN PURP 600V 1A SMB**STTH1R02U-TR**

STMicroelectronics

**STTH1R04**STMicroelectronics
DIODE GEN PURP 400V 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.

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@allelco.com

Certifications & Memberships



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.