



STTH112RL

Manufacturer Part Number	STTH112RL
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH112RL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 1.2KV 1A DO41
Package	DO-204AL, DO-41, Axial
Data sheet	STTH112.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH112RL - STMicroelectronics.New Original in Stock. Download Linear Technology STTH112RL datasheet/specifications on AllelcoElec.com.
Request a quote for STTH112RL, please send us email: info@allelco.com

Specifications

STTH112RL Tech Specifications
STTH112RL - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-204AL, DO-41, Axial
Voltage - Forward (Vf) (Max) @ If	1.9 V @ 1 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	1200 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	DO-41	Current - Reverse Leakage @ Vr	5 µA @ 1200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	75 ns	Base Product Number	STTH112

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH112RL

Product Attribute				
Part Number	STTH112RL	STTH112UFY	STTH110	STTH112A
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature - Junction	175°C (Max)	-40°C ~ 175°C	175°C (Max)	175°C (Max)
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	-	-	-
Package / Case	DO-204AL, DO-41, Axial	DO-221AA, SMB Flat Leads	DO-204AL, DO-41, Axial	DO-214AC, SMA
Current - Reverse Leakage @ Vr	5 µA @ 1200 V	5 µA @ 1200 V	10 µA @ 1000 V	5 µA @ 1200 V
Voltage - Forward (Vf) (Max) @ If	1.9 V @ 1 A	1.9 V @ 1 A	1.7 V @ 1 A	1.9 V @ 1 A
Series	-	Automotive, AEC-Q101, ECOPACK@2	-	-
Current - Average Rectified (Io)	1A	1A	1A	1A
Voltage - DC Reverse (Vr) (Max)	1200 V	1200 V	1000 V	1200 V
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Reverse Recovery Time (trr)	75 ns	75 ns	75 ns	75 ns
Supplier Device Package	DO-41	SMBflat	DO-41	SMA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)
Base Product Number	STTH112	STTH112	STTH110	STTH112
Technology	Standard	Standard	Standard	Standard

STTH112RL Datasheet PDF

Download STTH112RL pdf datasheets and STMicroelectronics documentation for STTH112RL - STMicroelectronics.

Datasheets

STTH112.pdf

Customers Also Interested in

Recommended Products

STTH112UFY STMicroelectronics DIODE GEN PURP 1.2KV 1A SMBFLAT	STTH110 STMicroelectronics DIODE GEN PURP 1KV 1A DO41	STTH10LCD06D STMicroelectronics	STTH112A STMicroelectronics DIODE GEN PURP 1.2KV 1A SMA	STTH112 STMicroelectronics DIODE GEN PURP 1.2KV 1A DO41	STTH10R04D STMicroelectronics DIODE GEN PURP 400V 10A TO220AC

STTH12003TV1
STMicroelectronics
DIODE MODULE 300V 60A ISOTOP



STTH10LCD06SB-TR
STMicroelectronics
DIODE GEN PURP 600V 10A DPAK

STTH10P04FP
STMicroelectronics



STTH10LCD06FP
STMicroelectronics
DIODE GP 600V 10A TO220FPAC

STTH12010TV1
STMicroelectronics
DIODE MODULE 1KV 60A ISOTOP



STTH12002TV1
STMicroelectronics
DIODE MODULE 200V 60A ISOTOP

STTH10R04FP
STMicroelectronics
DIODE GP 400V 10A TO220FPAC



STTH110A
STMicroelectronics
DIODE GEN PURP 1KV 1A SMA

STTH112U
STMicroelectronics
DIODE GEN PURP 1.2KV 1A SMB



STTH12012TV1
STMicroelectronics
DIODE MODULE 1.2KV 60A ISOTOP

STTH12004TV1
STMicroelectronics
DIODE MODULE 400V 60A ISOTOP



STTH12012TV2
STMicroelectronics
DIODE MODULE 1.2KV 60A ISOTOP

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.

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Certifications & Memberships



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