



STTH112

Manufacturer Part Number	STTH112
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH112
ECAD Model	Request Free CAD Models
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

STTH112 - STMicroelectronics.New Original in Stock. Download Linear Technology STTH112 datasheet/specifications on AllelcoElec.com.
Request a quote for STTH112, please send us email: info@allelco.com

Specifications

STTH112 Tech Specifications
STTH112 - 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 & Box (TB)
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 STTH112

Product Attribute				
Part Number	STTH112	STTH112A	STTH10LCD06FP	STTH10R04FP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Forward (Vf) (Max) @ If	1.9 V @ 1 A	1.9 V @ 1 A	2 V @ 10 A	1.7 V @ 10 A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package / Case	DO-204AL, DO-41, Axial	DO-214AC, SMA	TO-220-2 Full Pack	TO-220-2 Full Pack
Package	Tape & Box (TB)	Tape & Reel (TR)	Tube	Tube
Voltage - DC Reverse (Vr) (Max)	1200 V	1200 V	600 V	400 V
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Base Product Number	STTH112	STTH112	STTH10	STTH10
Reverse Recovery Time (trr)	75 ns	75 ns	50 ns	40 ns
Capacitance @ Vr, F	-	-	-	-
Current - Average Rectified (Io)	1A	1A	10A	10A
Series	-	-	-	-
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Technology	Standard	Standard	Standard	Standard
Supplier Device Package	DO-41	SMA	TO-220FPAC	TO-220FPAC
Current - Reverse Leakage @ Vr	5 µA @ 1200 V	5 µA @ 1200 V	5 µA @ 600 V	10 µA @ 400 V

STTH112 Datasheet PDF

Download STTH112 pdf datasheets and STMicroelectronics documentation for STTH112 - STMicroelectronics.

Datasheets

STTH112.pdf

Customers Also Interested in

Recommended Products

STTH112A
STMicroelectronics
DIODE GEN PURP 1.2KV 1A SMA

STTH10LCD06FP
STMicroelectronics
DIODE GP 600V 10A TO220FPAC

STTH10R04FP
STMicroelectronics
DIODE GP 400V 10A TO220FPAC

STTH110A
STMicroelectronics
DIODE GEN PURP 1KV 1A SMA

STTH12004TV1
STMicroelectronics
DIODE MODULE 400V 60A ISOTOP

STTH10P04FP
STMicroelectronics

STTH10LCD06CT
STMicroelectronics
DIODE ARRAY GP 600V 5A TO220AB



STTH10R04D
STMicroelectronics
DIODE GEN PURP 400V 10A TO220AC

STTH112U
STMicroelectronics
DIODE GEN PURP 1.2KV 1A SMB



STTH12010TV1
STMicroelectronics
DIODE MODULE 1KV 60A ISOTOP

STTH10LCD06D
STMicroelectronics



STTH12003TV1
STMicroelectronics
DIODE MODULE 300V 60A ISOTOP

STTH10LCD06CG-TR
STMicroelectronics
DIODE ARRAY GP 600V 5A D2PAK



STTH12002TV1
STMicroelectronics
DIODE MODULE 200V 60A ISOTOP

STTH112RL
STMicroelectronics
DIODE GEN PURP 1.2KV 1A DO41



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

STTH110
STMicroelectronics
DIODE GEN PURP 1KV 1A DO41



STTH112UFY
STMicroelectronics
DIODE GEN PURP 1.2KV 1A SMBFLAT

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.



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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



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ALLELCO LIMITED
WWW.ALLELCOELEC.COM

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

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