



STTA1206D

Manufacturer Part Number	STTA1206D
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTA1206D
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 600V 12A TO220AC
Package	TO-220-2
Data sheet	STTA1206x.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

STTA1206D - STMicroelectronics.New Original in Stock. Download Linear Technology STTA1206D datasheet/specifications on AllelcoElec.com.
Request a quote for STTA1206D, please send us email: info@allelco.com

Specifications

STTA1206D Tech Specifications
STTA1206D - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	TO-220-2
Voltage - Forward (Vf) (Max) @ If	1.75 V @ 12 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	150°C (Max)
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220AC	Current - Reverse Leakage @ Vr	100 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	12A
Series	TURBOSWITCH™	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	55 ns	Base Product Number	STTA120

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTA1206D

Product Attribute				
Part Number	STTA1206D	STTA106U	STTA112U	STTA2006P
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Average Rectified (Io)	12A	1A	1A	20A
Voltage - DC Reverse (Vr) (Max)	600 V	600 V	1200 V	600 V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Operating Temperature - Junction	150°C (Max)	125°C (Max)	125°C (Max)	150°C (Max)
Series	TURBOSWITCH™	TURBOSWITCH™	TURBOSWITCH™	TURBOSWITCH™
Package / Case	TO-220-2	DO-214AA, SMB	DO-214AA, SMB	SOD-93-2
Reverse Recovery Time (trr)	55 ns	50 ns	115 ns	60 ns
Voltage - Forward (Vf) (Max) @ If	1.75 V @ 12 A	1.75 V @ 1 A	1.65 V @ 1 A	1.75 V @ 20 A
Base Product Number	STTA120	STTA106	STTA112	STTA200
Supplier Device Package	TO-220AC	SMB	SMB	SOD-93-2
Technology	Standard	Standard	Standard	Standard
Current - Reverse Leakage @ Vr	100 µA @ 600 V	10 µA @ 600 V	10 µA @ 1200 V	100 µA @ 600 V
Capacitance @ Vr, F	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)

STTA1206D Datasheet PDF

Download STTA1206D pdf datasheets and STMicroelectronics documentation for STTA1206D - STMicroelectronics.

Datasheets

STTA1206x.pdf

Customers Also Interested in

Recommended Products



STTA1206DI
STMicroelectronics



STTA12003TV1
STMicroelectronics
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STTA3006CP
STMicroelectronics



STTA106U
STMicroelectronics
DIODE GEN PURP 600V 1A SMB



STTA112U
STMicroelectronics
DIODE GEN PURP 1.2KV 1A SMB



STTA12000TV1
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IGBT Module

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DIODE MODULE 600V 60A ISOTOP



STTA12006TVI

STMicroelectronics
IGBT Module

STTA2512P

STMicroelectronics
DIODE ARRAY GP 1200V 25A SOD93

STTA2006P

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DIODE GEN PURP 600V 20A SOD93-2

STTA212S

STMicroelectronics
DIODE GEN PURP 1.2KV 2A SMC

STTA1512P

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STTA106

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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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Cost-Saving Procurement



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Contact us if you have any questions.



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