



STTH2L06

Manufacturer Part Number	STTH2L06
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH2L06
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 600V 2A DO41
Package	DO-204AL, DO-41, Axial
Data sheet	STTH2L06.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH2L06 - STMicroelectronics. New Original in Stock. Download Linear Technology STTH2L06 datasheet/specifications on AllelcoElec.com.
Request a quote for STTH2L06, please send us email: info@allelco.com

Specifications

STTH2L06 Tech Specifications
STTH2L06 - 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	1.3 V @ 2 A	Package	Cut Tape (CT)
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	DO-41	Current - Reverse Leakage @ Vr	2 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	2A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	85 ns	Base Product Number	STTH2

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH2L06

Product Attribute				
Part Number	STTH2L06	STTH2R02A	STTH2R02UY	STTH2R04FP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Reverse Recovery Time (trr)	85 ns	30 ns	30 ns	45 ns
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)
Base Product Number	STTH2	STTH2	STTH2	STTH20
Package	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
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	SMB	TO-220FPAC
Current - Reverse Leakage @ Vr	2 µA @ 600 V	3 µA @ 200 V	3 µA @ 200 V	20 µA @ 400 V
Package / Case	DO-204AL, DO-41, Axial	DO-214AC, SMA	DO-214AA, SMB	TO-220-2 Full Pack
Voltage - Forward (Vf) (Max) @ If	1.3 V @ 2 A	1 V @ 2 A	1 V @ 2 A	1.7 V @ 20 A
Voltage - DC Reverse (Vr) (Max)	600 V	200 V	200 V	400 V
Capacitance @ Vr, F	-	-	-	-
Series	-	-	Q Automotive	-
Current - Average Rectified (Io)	2A	2A	2A	20A

STTH2L06 Datasheet PDF

Download STTH2L06 pdf datasheets and STMicroelectronics documentation for STTH2L06 - STMicroelectronics.

Datasheets

[STTH2L06.pdf](#)

Customers Also Interested in

Recommended Products

STTH2R02A
STMicroelectronics
DIODE GEN PURP 200V 2A SMA

STTH20W02CW
STMicroelectronics
DIODE ARRAY GP 200V 10A TO247

STTH2R02UY
STMicroelectronics
DIODE GEN PURP 200V 2A SMB

STTH2R04FP
STMicroelectronics
DIODE GP 400V 20A TO220FPAC

STTH2L06A
STMicroelectronics
DIODE GEN PURP 600V 2A SMA

STTH212
STMicroelectronics
DIODE GEN PURP 1.2KV 2A DO201AD

STTH212S-H/N
STMicroelectronics

STTH2R02AFY
STMicroelectronics
DIODE GP 200V 2A SOD128FLAT

STTH2R02QRL
STMicroelectronics
DIODE GEN PURP 200V 2A DO15

STTH2R04D
STMicroelectronics
DIODE GEN PURP 400V 20A TO220AC

STTH2R02U
STMicroelectronics
DIODE GEN PURP 200V 2A SMB

STTH212S
STMicroelectronics
DIODE GEN PURP 1.2KV 2A SMC



STTH2R04G-TR
STMicroelectronics
DIODE GEN PURP 400V 20A D2PAK

STTH2L06U-TR
STMicroelectronics

STTH2R04G
STMicroelectronics
DIODE GEN PURP 400V 20A D2PAK

STTH25M06FP
STMicroelectronics
DIODE GP 600V 25A TO220FPAC

STTH2L06U
STMicroelectronics
DIODE GEN PURP 600V 2A SMB

STTH212U
STMicroelectronics
DIODE GEN PURP 1.2KV 2A SMB

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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