STTH1L06U

Manufacturer Part Number	**STTH1L06U**
Manufacturer	**STMicroelectronics**
Allelco Part Number	32D-STTH1L06U
ECAD Model	3D PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 600V 1A SMB
Package	DO-214AA, SMB
Data sheet	**STTH1L06.pdf**
RoHS Status	RoHS ROHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

STTH1L06U - STMicroelectronics.New Original in Stock. Download Linear Technology STTH1L06U datasheet/specifications on AllelcoElec.com.
Request a quote for STTH1L06U, please send us email: info@allelco.com

Specifications

STTH1L06U Tech Specifications
STTH1L06U - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AA, SMB
Voltage - Forward (Vf) (Max) @ If	1.3 V @ 1 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMB	Current - Reverse Leakage @ Vr	1 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	80 ns	Base Product Number	STTH1

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH1L06U

Product Attribute				
Part Number	STTH1L06U	STTH1R02Q	STTH1R02U	STTH1L06A
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Reverse Leakage @ Vr	1 µA @ 600 V	3 µA @ 200 V	3 µA @ 200 V	1 µA @ 600 V
Package	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	80 ns	30 ns	30 ns	80 ns
Base Product Number	STTH1	STTH1	STTH1	STTH1
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	DO-214AA, SMB	DO-204AC, DO-15, Axial	DO-214AA, SMB	DO-214AC, SMA
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Series	-	-	-	-
Voltage - Forward (Vf) (Max) @ If	1.3 V @ 1 A	1 V @ 1.5 A	1 V @ 1.5 A	1.3 V @ 1 A
Supplier Device Package	SMB	DO-15	SMB	SMA
Technology	Standard	Standard	Standard	Standard
Current - Average Rectified (Io)	1A	1.5A	1.5A	1A
Voltage - DC Reverse (Vr) (Max)	600 V	200 V	200 V	600 V
Capacitance @ Vr, F	-	-	-	-

STTH1L06U Datasheet PDF

Download STTH1L06U pdf datasheets and STMicroelectronics documentation for STTH1L06U - STMicroelectronics.
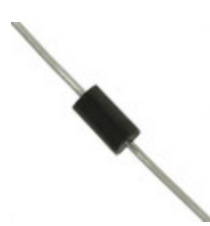
Datasheets

STTH1L06.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

PCN Assembly/Origin

STTHyy A/T Site Chgs 25/Jan/2021.pdf

Customers Also Interested in

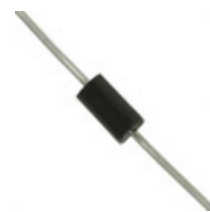**Recommended Products**

STTH1R02Q	STTH16L06CG-TR	STTH1R02U	STTH16L06FP	STTH16L06CT	STTH16R04CG-TR
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
DIODE GEN PURP 200V 1.5A DO15	DIODE ARRAY GP 600V 10A D2PAK	DIODE GEN PURP 200V 1.5A SMB		DIODE ARRAY GP 600V 10A TO220AB	DIODE ARRAY GP 400V 8A D2PAK

STTH1R02U-TR	STTH1L06A	STTH1R02RL	STTH16R04CFP	STTH1R02QRL	STTH16R04CG
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	DIODE GEN PURP 600V 1A SMA	DIODE GEN PURP 200V 1.5A DO41	DIODE ARRAY GP 400V 8A TO220FP	DIODE GEN PURP 200V 1.5A DO15	DIODE ARRAY GP 400V 8A D2PAK

STTH1R02ZF	STTH1L06	STTH1R02ZFY	STTH1R02A	STTH1R04	STTH16R04CT
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
DIODE GEN PURP 200V 1A SOD123F	DIODE GEN PURP 600V 1A DO41	DIODE GEN PURP 200V 1A SOD123F	DIODE GEN PURP 200V 1.5A SMA	DIODE GEN PURP 400V 1A DO41	DIODE ARRAY GP 400V 8A TO220AB

▌ 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.

EAST WEST BANK MasterCard VISA

WESTERN UNION 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

ISO ISO ISO

ISO 28000:2007 IPC Member SMTA

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