



STTH10LCD06FP

Manufacturer Part Number	STTH10LCD06FP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH10LCD06FP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GP 600V 10A TO220FPAC
Package	TO-220-2 Full Pack
Data sheet	STTH10LCD06.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

STTH10LCD06FP - STMicroelectronics.New Original in Stock. Download Linear Technology STTH10LCD06FP datasheet/specifications on AllelcoElec.com.
Request a quote for STTH10LCD06FP, please send us email: info@allelco.com

Specifications

STTH10LCD06FP Tech Specifications
STTH10LCD06FP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	TO-220-2 Full Pack
Voltage - Forward (Vf) (Max) @ If	2 V @ 10 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220FPAC	Current - Reverse Leakage @ Vr	5 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	10A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	50 ns	Base Product Number	STTH10

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH10LCD06FP

Product Attribute	NO PICTURE			
Part Number	STTH10LCD06FP	STTH10R04D	STTH110A	STTH112
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	TO-220-2 Full Pack	TO-220-2	DO-214AC, SMA	DO-204AL, DO-41, Axial
Voltage - Forward (Vf) (Max) @ If	2 V @ 10 A	1.7 V @ 10 A	1.7 V @ 1 A	1.9 V @ 1 A
Package	Tube	Tube	Tape & Reel (TR)	Tape & Box (TB)
Technology	Standard	Standard	Standard	Standard
Current - Reverse Leakage @ Vr	5 µA @ 600 V	10 µA @ 400 V	10 µA @ 1000 V	5 µA @ 1200 V
Capacitance @ Vr, F	-	-	-	-
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Base Product Number	STTH10	STTH10	STTH110	STTH112
Supplier Device Package	TO-220FPAC	TO-220AC	SMA (DO-214AC)	DO-41
Current - Average Rectified (Io)	10A	10A	1A	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Series	-	-	-	-
Voltage - DC Reverse (Vr) (Max)	600 V	400 V	1000 V	1200 V
Reverse Recovery Time (trr)	50 ns	40 ns	75 ns	75 ns
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole

STTH10LCD06FP Datasheet PDF

Download STTH10LCD06FP pdf datasheets and STMicroelectronics documentation for STTH10LCD06FP - STMicroelectronics.

Datasheets

STTH10LCD06.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf
















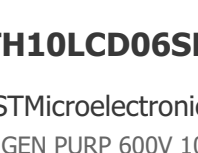


PCN Assembly/Origin

Mult Devices Wafer 14/May/2018.pdf

Customers Also Interested in

Recommended Products



STTH10LCD06CFD STMicroelectronics 	STTH10R04D STMicroelectronics DIODE GEN PURP 400V 10A TO220AC 	STTH110A STMicroelectronics DIODE GEN PURP 1KV 1A SMA 	STTH112 STMicroelectronics DIODE GEN PURP 1.2KV 1A DO41 	STTH10R04FP STMicroelectronics DIODE GP 400V 10A TO220FPAC 	STTH10LCD06CG-TR STMicroelectronics DIODE ARRAY GP 600V 5A D2PAK 
STTH10LCD06CT STMicroelectronics DIODE ARRAY GP 600V 5A TO220AB 	STTH112A STMicroelectronics DIODE GEN PURP 1.2KV 1A SMA 	STTH110 STMicroelectronics DIODE GEN PURP 1KV 1A DO41 	STTH108A STMicroelectronics DIODE GEN PURP 800V 1A SMA 	STTH108 STMicroelectronics DIODE GEN PURP 800V 1A DO41 	STTH10LCD06CFP STMicroelectronics DIODE ARRAY GP 600V 5A TO220FP 
STTH10LCD06C STMicroelectronics 	STTH106A STMicroelectronics 	STTH112RL STMicroelectronics DIODE GEN PURP 1.2KV 1A DO41 	STTH10LCD06SB-TR STMicroelectronics DIODE GEN PURP 600V 10A DPAK 	STTH102U STMicroelectronics 	STTH112U STMicroelectronics DIODE GEN PURP 1.2KV 1A 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.

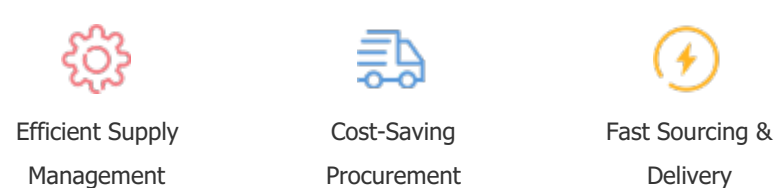
Payment Support

The payment method can be chosen from the methods shown below:

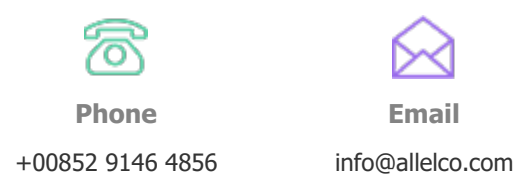
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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