STTH20LCD06CFP

Manufacturer Part Number	**STTH20LCD06CFP**
Manufacturer	**STMicroelectronics**
Allelco Part Number	32D-STTH20LCD06CFP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE ARRAY GP 600V 10A TO220FP
Package	TO-220-3 Full Pack
Data sheet	**STTH20LCD06C.pdf**
RoHS Status	RoHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

STTH20LCD06CFP - STMicroelectronics.New Original in Stock. Download Linear Technology STTH20LCD06CFP datasheet/specifications on AllelcoElec.com.
Request a quote for STTH20LCD06CFP, please send us email: info@allelco.com

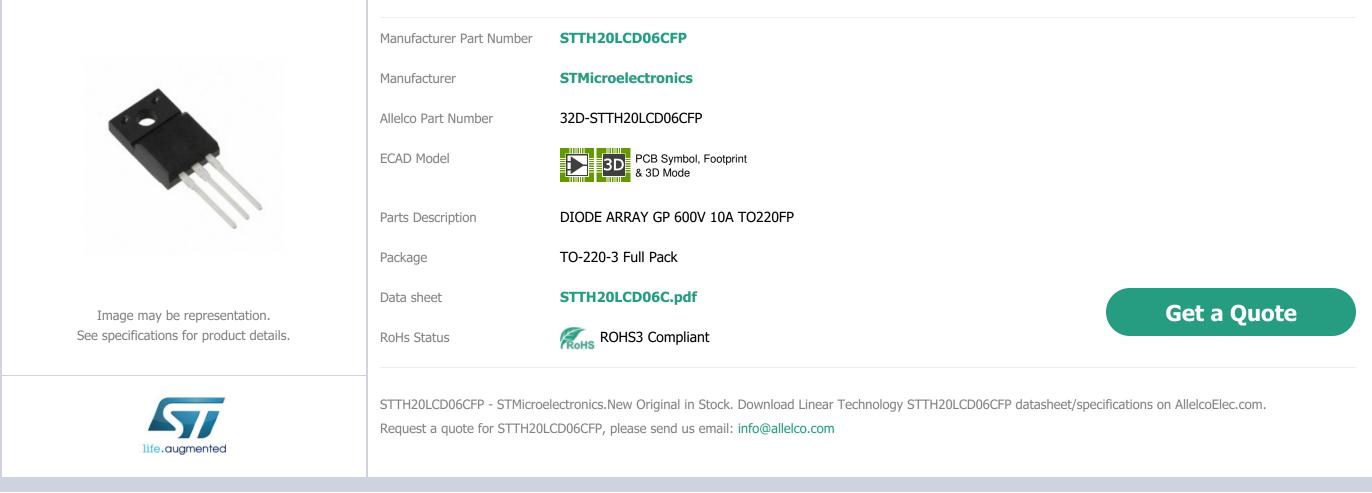## Specifications

STTH20LCD06CFP Tech Specifications
STTH20LCD06CFP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	TO-220-3 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-220FPAB	Diode Configuration	1 Pair Common Cathode
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	1 µA @ 600 V
Series	-	Current - Average Rectified (Io) (per Diode)	10A
Reverse Recovery Time (trr)	50 ns	Base Product Number	STTH20

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH20LCD06CFP

Product Attribute				
Part Number	STTH20LCD06CFP	STTH20L03CT	STTH200L06TV1	STTH200R04TV1
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Reverse Recovery Time (trr)	50 ns	26 ns	120 ns	100 ns
Package / Case	TO-220-3 Full Pack	TO-220-3	ISOTOP	ISOTOP
Series	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	2 V @ 10 A	1.2 V @ 10 A	1.55 V @ 100 A	1.35 V @ 100 A
Current - Reverse Leakage @ Vr	1 µA @ 600 V	10 µA @ 300 V	100 µA @ 600 V	80 µA @ 400 V
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	2 Independent	2 Independent
Voltage - DC Reverse (Vr) (Max)	600 V	300 V	600 V	400 V
Supplier Device Package	TO-220FPAB	TO-220	ISOTOP®	ISOTOP®
Operating Temperature - Junction	175°C (Max)	-40°C ~ 175°C	150°C (Max)	-55°C ~ 150°C
Package	Tube	Tube	Tube	Tube
Technology	Standard	Standard	Standard	Standard
Base Product Number	STTH20	STTH20	STTH200	STTH200
Current - Average Rectified (Io) (per Diode)	10A	10A	120A	100A
Mounting Type	Through Hole	Through Hole	Chassis Mount	Chassis Mount

STTH20LCD06CFP Datasheet PDF

Download STTH20LCD06CFP pdf datasheets and STMicroelectronics documentation for STTH20LCD06CFP - STMicroelectronics.

Datasheets

📄 STTH20LCD06C.pdf

PCN Assembly/Origin

📄 Mult Devices Wafer 14/May/2018.pdf

Customers Also Interested in

Recommended Products

STTH20P03S	STTH20R04G	STTH20P035SGTR	STTH20L03CT	STTH20R02C	STTH200L06TV1
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	DIODE GEN PURP 400V 20A D2PAK		DIODE ARRAY GP 300V 10A		DIODE MODULE 600V 120A ISOTOP

TO220AB

STTH208UFY	**STTH20R04FP**	**STTH200R04TV1**	**STTH20P035FP**	**STTH20LCD06CT**	**STTH20P03SW**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
DIODE GEN PURP 800V 2A SMBFLAT	DIODE GP 400V 20A TO220FPAC	DIODE MODULE 400V 100A ISOTOP	DIODE GEN PURP 350V 20A TO220FP	DIODE ARRAY GP 600V 10A TO220AB	

STTH20R04D	**STTH208**	**STTH208U**	**STTH200W04TV1**	**STTH20LCD06CG-TR**	**STTH200W06TV1**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
DIODE GEN PURP 400V 20A TO220AC	DIODE GEN PURP 800V 2A DO15	DIODE GEN PURP 800V 2A SMB	DIODE MODULE 400V 100A ISOTOP	DIODE ARRAY GP 600V 10A D2PAK	DIODE MODULE 600V 100A ISOTOP

◢ 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.**
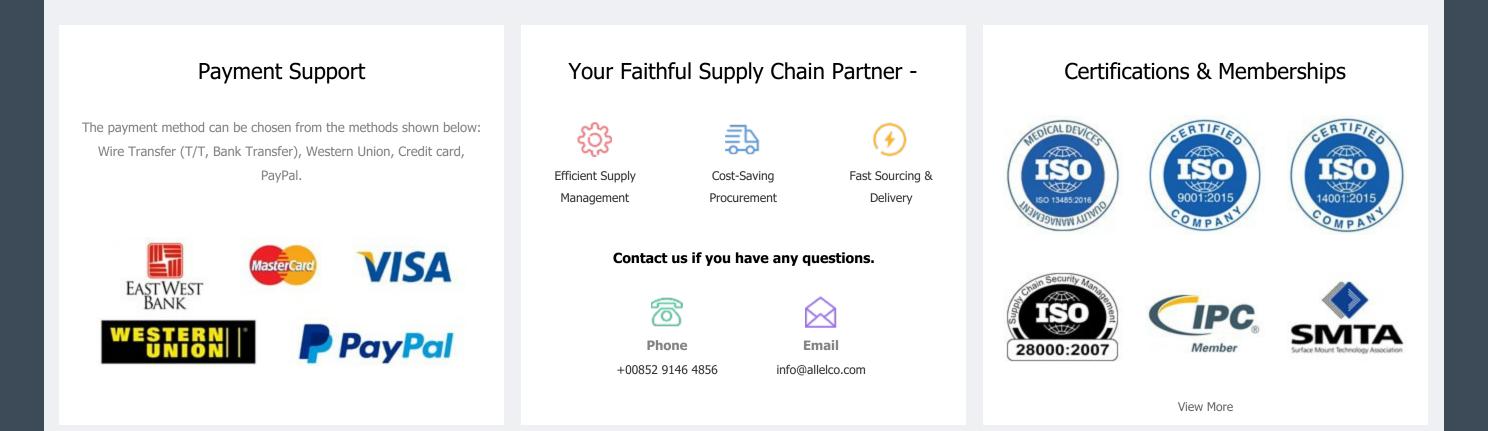> **Others more shipping ways, please get in touch with your customer manager.**

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.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016   ISO 9001:2015 CERTIFIED COMPANY   ISO 14001:2015 CERTIFIED COMPANY
ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

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