



Image may be representation.  
See specifications for product details.



## STTH10LCD06CFP

Manufacturer Part Number	<b>STTH10LCD06CFP</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STTH10LCD06CFP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ARRAY GP 600V 5A TO220FP
Package	TO-220-3 Full Pack
Data sheet	<b>STTH10LCD06C.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STTH10LCD06CFP - STMicroelectronics. New Original in Stock. Download Linear Technology STTH10LCD06CFP datasheet/specifications on AllelcoElec.com.  
Request a quote for STTH10LCD06CFP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

STTH10LCD06CFP Tech Specifications

STTH10LCD06CFP - 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 @ 5 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)	5A
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 STTH10LCD06CFP

Product Attribute				
Part Number	STTH10LCD06CFP	STTH10LCD06CT	STTH10LCD06CG-TR	STTH110
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Average Rectified (Io) (per Diode)	5A	5A	5A	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	-
Package	Tube	Tube	Tape & Reel (TR)	Cut Tape (CT)
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	175°C (Max)
Package / Case	TO-220-3 Full Pack	TO-220-3	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	DO-204AL, DO-41, Axial
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Technology	Standard	Standard	Standard	Standard
Reverse Recovery Time (trr)	50 ns	50 ns	50 ns	75 ns
Base Product Number	STTH10	STTH10	STTH10	STTH110
Voltage - DC Reverse (Vr) (Max)	600 V	600 V	600 V	1000 V
Current - Reverse Leakage @ Vr	1 µA @ 600 V	1 µA @ 600 V	1 µA @ 600 V	10 µA @ 1000 V
Supplier Device Package	TO-220FPAB	TO-220	D2PAK	DO-41
Voltage - Forward (Vf) (Max) @ If	2 V @ 5 A	2 V @ 5 A	2 V @ 5 A	1.7 V @ 1 A
Series	-	-	-	-

## STTH10LCD06CFP Datasheet PDF

Download STTH10LCD06CFP pdf datasheets and STMicroelectronics documentation for STTH10LCD06CFP - STMicroelectronics.

### Datasheets

STTH10LCD06C.pdf

### PCN Assembly/Origin

Assembly Location Expansion 05/Mar/2014.pdf

## Customers Also Interested in

### Recommended Products



**STTH110**

STMicroelectronics  
DIODE GEN PURP 1KV 1A DO41



**STTH108A**

STMicroelectronics  
DIODE GEN PURP 800V 1A SMA



**STTH102RL**

STMicroelectronics  
DIODE GEN PURP 200V 1A DO41



**STTH102**

STMicroelectronics  
DIODE GEN PURP 200V 1A DO41



**STTH10R04FP**

STMicroelectronics  
DIODE GP 400V 10A TO220FPAC



**STTH10LCD06FP**

STMicroelectronics  
DIODE GP 600V 10A TO220FPAC

**STTH10LCD06SB-TR**STMicroelectronics  
DIODE GEN PURP 600V 10A DPAK**STTH10LCD06CT**STMicroelectronics  
DIODE ARRAY GP 600V 5A TO220AB**STTH102AY**STMicroelectronics  
DIODE GEN PURP 200V 1A SMA**STTH106A**

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**STTH10R04D**STMicroelectronics  
DIODE GEN PURP 400V 10A TO220AC**STTH110A**STMicroelectronics  
DIODE GEN PURP 1KV 1A SMA**STTH10LCD06C**

STMicroelectronics

**STTH102A**STMicroelectronics  
DIODE GEN PURP 200V 1A SMA**STTH102U**

STMicroelectronics

**STTH10LCD06CG-TR**STMicroelectronics  
DIODE ARRAY GP 600V 5A D2PAK**STTH10LCD06CFD**

STMicroelectronics

**STTH108**STMicroelectronics  
DIODE GEN PURP 800V 1A DO41

## 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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