



HFA06TB120

Manufacturer Part Number	HFA06TB120
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-HFA06TB120
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 1.2KV 6A TO220AC
Package	TO-220-2
Data sheet	HFA06TB120.pdf

Get a Quote

HFA06TB120 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology HFA06TB120 datasheet/specifications on AllelcoElec.com.
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Specifications

HFA06TB120 Tech Specifications
HFA06TB120 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	TO-220-2
Voltage - Forward (Vf) (Max) @ If	3 V @ 6 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	1200 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220AC	Current - Reverse Leakage @ Vr	5 µA @ 1200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	6A
Series	HEXFRED®	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	80 ns	Base Product Number	HFA06

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division HFA06TB120

Product Attribute	NO PICTURE			
Part Number	HFA06TB120	HFA08SD60S	HFA04TB60S	HFA08PB60
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Voltage - DC Reverse (Vr) (Max)	1200 V	600 V	600 V	600 V
Current - Average Rectified (Io)	6A	8A	4A	8A
Base Product Number	HFA06	HFA08	HFA04	HFA08
Package	Tube	Tube	Tube	Tube
Reverse Recovery Time (trr)	80 ns	55 ns	42 ns	55 ns
Voltage - Forward (Vf) (Max) @ If	3 V @ 6 A	1.7 V @ 8 A	1.8 V @ 4 A	1.7 V @ 8 A
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Series	HEXFRED®	-	HEXFRED®	-
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package / Case	TO-220-2	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB	TO-247-2
Supplier Device Package	TO-220AC	D-PAK (TO-252AA)	TO-263AB (D²PAK)	TO-247AC Modified
Current - Reverse Leakage @ Vr	5 µA @ 1200 V	5 µA @ 600 V	3 µA @ 600 V	5 µA @ 600 V
Capacitance @ Vr, F	-	-	-	-
Technology	Standard	Standard	Standard	Standard

HFA06TB120 Datasheet PDF

Download HFA06TB120 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for HFA06TB120 - Vishay General Semiconductor - Diodes Division.







Datasheets

[HFA06TB120.pdf](#)

Customers Also Interested in

Recommended Products

	NO PICTURE			NO PICTURE	
HFA08SD60S	HFA06PB120C	HFA04TB60S	HFA08SD60STRPBF	HFA04TB60PBF	HFA08SD60S MOS
Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 8A DPAK	IR	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 4A TO263AB	Electro-Films (EFI) / Vishay	IR	Electro-Films (EFI) / Vishay
NO PICTURE				NO PICTURE	

HFA04TB60STRLP	HFA08PB60	HFA06PB120	HFA04TB60STRR	HFA04TB60S MOS	HFA08SD60SPBF
IR	Vishay General Semiconductor - Diodes Division DIODE GP 600V 8A TO247AC	Vishay General Semiconductor - Diodes Division DIODE GP 1.2KV 6A TO247AC	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 4A TO263AB	IR	Electro-Films (EFI) / Vishay
					
HFA04SD60STRR	HFA08PB120	HFA06PB120	HFA04SD60STRLP	HFA06TB120STRR	HFA04TB60
Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 4A DPAK	Vishay General Semiconductor - Diodes Division DIODE GP 1.2KV 8A TO247AC	Vishay General Semiconductor - Diodes Division DIODE ARRAY GP 600V 4A TO220AB	Electro-Films (EFI) / Vishay	Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1.2KV 6A TO263AB	IR

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

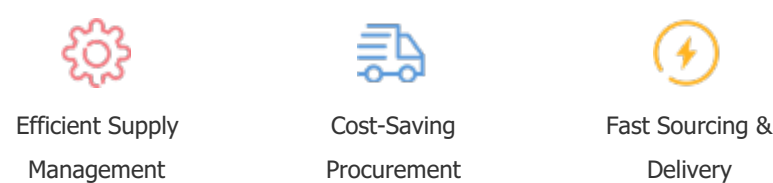
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

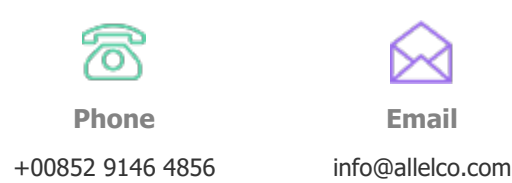
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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