




Image may be representation.  
See specifications for product details.

## BTA06-800CRG

Manufacturer Part Number	BTA06-800CRG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-BTA06-800CRG
ECAD Model	 Request Free CAD Models
Parts Description	TRIAC 800V 6A TO220AB
Package	TO-220-3
Data sheet	<a href="#">BTA06,BTB06.pdf</a>
RoHs Status	 ROHS3 Compliant



Get a Quote

BTA06-800CRG - STMicroelectronics.New Original in Stock. Download Linear Technology BTA06-800CRG datasheet/specifications on AllelcoElec.com.  
Request a quote for BTA06-800CRG, please send us email: [info@allelco.com](mailto:info@allelco.com)

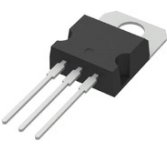



### Specifications

BTA06-800CRG Tech Specifications  
BTA06-800CRG - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Off State	800 V	Mounting Type	Through Hole
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	Current - On State (It (RMS)) (Max)	6 A
Triac Type	Standard	Current - Non Rep. Surge 50, 60Hz (Itsm)	60A, 63A
Supplier Device Package	TO-220	Current - Hold (Ih) (Max)	50 mA
Series	-	Current - Gate Trigger (Igt) (Max)	50 mA
Package / Case	TO-220-3	Configuration	Single
Package	Tube	Base Product Number	BTA06

### Parts with Similar Specifications


The three parts on the right have similar specifications to STMicroelectronics BTA06-800CRG

Product Attribute				
Part Number	BTA06-800CRG	BTA06-600TWRG	BTA06-800CWRG	BTA06-800BWRG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	BTA06	BTA06	BTA06	BTA06
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Non Rep. Surge 50, 60Hz (Itsm)	60A, 63A	60A, 63A	60A, 63A	60A, 63A
Triac Type	Standard	Logic - Sensitive Gate	Alternistor - Snubberless	Alternistor - Snubberless
Current - Hold (Ih) (Max)	50 mA	10 mA	35 mA	50 mA
Series	-	-	Snubberless™	Snubberless™
Current - Gate Trigger (Igt) (Max)	50 mA	5 mA	35 mA	50 mA
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1.3 V	1.3 V
Configuration	Single	Single	Single	Single
Voltage - Off State	800 V	600 V	800 V	800 V
Supplier Device Package	TO-220	TO-220	TO-220	TO-220
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Current - On State (It (RMS)) (Max)	6 A	6 A	6 A	6 A
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package	Tube	Tube	Tube	Tube


### BTA06-800CRG Datasheet PDF

Download BTA06-800CRG pdf datasheets and STMicroelectronics documentation for BTA06-800CRG - STMicroelectronics.


#### Datasheets

 BTA06,BTB06.pdf

#### PCN Assembly/Origin


 ECOPACK2 Molding Compound 21/Jun/2013.pdf

#### PCN Obsolescence/ EOL


 Mult Device EOL 16/Mar/2010.pdf

### Customers Also Interested in

#### Recommended Products



**BTA08-1200C**  
STMicroelectronics



**BTA06-600TW**  
STMicroelectronics



**BTA06-800CW**  
STMicroelectronics



**BTA06-800BRG**  
STMicroelectronics



**BTA06T-600CW**  
STMicroelectronics



**BTA06-800C**  
STMicroelectronics



**BTA06-600TWRG**  
STMicroelectronics  
TRIAC SENS GATE 600V 6A TO220AB



**BTA08-400A**  
STMicroelectronics



**BTA06-700BWRG**  
STMicroelectronics




**BTA06-800TW**  
STMicroelectronics



**BTA06-800CWRG**  
STMicroelectronics  
TRIAC ALTERNISTOR 800V TO220AB



**BTA06-800**  
HSDQ



**BTA06-700BRG**  
STMicroelectronics



**BTA08 15-20mA**  
HSDQ



**BTA06-800B**  
STMicroelectronics



**BTA06-800BWRG**  
STMicroelectronics  
TRIAC ALTERNISTOR 800V TO220AB



**BTA08-1000CRG**  
STMicroelectronics



**BTA06-600TRG**  
STMicroelectronics  
TRIAC SENS GATE 600V 6A 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			DHL & FedEx Shipment Charges Reference	
Region	Country	Logistic Time(Day)	Shipment charges(KG)	Reference DHL(USD\$)
America	United States	5	0.00kg-1.00kg	USD\$60.00
	Brazil	7	1.00kg-2.00kg	USD\$70.00
Europe	Germany	5	2.00kg-3.00kg	USD\$80.00
	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
	New Zealand	7		
Asia	India	6		
	Japan	7		
Middle East	Israel	6		


**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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