

Image may be representation.  
See specifications for product details.



## BTA08-600TWRG

Manufacturer Part Number	<b>BTA08-600TWRG</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-BTA08-600TWRG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRIAC SENS GATE 600V 8A TO220AB
Package	TO-220-3
Data sheet	BTA08-600TWRG.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTA08-600TWRG - STMicroelectronics.New Original in Stock. Download Linear Technology BTA08-600TWRG datasheet/specifications on AllelcoElec.com.  
Request a quote for BTA08-600TWRG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BTA08-600TWRG Tech Specifications

BTA08-600TWRG - 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	600 V	Mounting Type	Through Hole
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	Current - On State (It (RMS)) (Max)	8 A
Triac Type	Logic - Sensitive Gate	Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	80A, 84A
Supplier Device Package	TO-220	Current - Hold (I <sub>h</sub> ) (Max)	10 mA
Series	-	Current - Gate Trigger (Igt) (Max)	5 mA
Package / Case	TO-220-3	Configuration	Single
Package	Tube	Base Product Number	BTA08

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics BTA08-600TWRG

Product Attribute				
Part Number	BTA08-600TWRG	BTA08-800BWRG	BTA08-800BW3G	BTA08-600SRG
Manufacturer	STMicroelectronics	STMicroelectronics	Littelfuse Inc.	STMicroelectronics
Package	Tube	Tube	Tube	Tube
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1.1 V	1.3 V
Current - Hold (I <sub>h</sub> ) (Max)	10 mA	50 mA	60 mA	25 mA
Voltage - Off State	600 V	800 V	800 V	600 V
Current - Gate Trigger (Igt) (Max)	5 mA	50 mA	50 mA	10 mA
Supplier Device Package	TO-220	TO-220AB Insulated	TO-220AB	TO-220
Base Product Number	BTA08	BTA08	BTA08	BTA08
Triac Type	Logic - Sensitive Gate	Alternistor - Snubberless	Standard	Logic - Sensitive Gate
Series	-	Snubberless™	-	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package / Case	TO-220-3	TO-220-3 Full Pack	TO-220-3	TO-220-3
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	80A, 84A	80A, 84A	90A @ 60Hz	80A, 84A
Current - On State (I <sub>t</sub> (RMS)) (Max)	8 A	8 A	8 A	8 A
Configuration	Single	Single	Single	Single

### Customers Also Interested in

#### Recommended Products

<b>BTA08-800BWRG</b> STMicroelectronics TRIAC ALTERNISTOR 800V TO220AB	<b>BTA08-800BW3G</b> Littelfuse Inc. TRIAC 800V 8A TO220AB	<b>BTA08-800</b> HSDQ	<b>BTA08-600SRG</b> STMicroelectronics TRIAC SENS GATE 600V 8A TO220AB	<b>BTA08-600SWRG</b> STMicroelectronics TRIAC SENS GATE 600V 8A TO220AB	<b>BTA08-600SW</b> STMicroelectronics
<b>BTA08-600TW</b> STMicroelectronics	<b>BTA08-800BRG</b> STMicroelectronics	<b>BTA08-600CWRG</b> STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	<b>BTA08-800B</b> STMicroelectronics	<b>BTA08-600CW3G</b> Littelfuse Inc. TRIAC 600V 8A TO220AB	<b>BTA08-700CRG</b> STMicroelectronics TRIAC 700V 8A TO220AB



**BTA08-600S**  
STMicroelectronics



**BTA08-600CW**  
STMicroelectronics



**BTA08-700CWRG**  
STMicroelectronics  
TRIAC ALTERNISTOR 700V TO220AB



**BTA08-800BW**  
STMicroelectronics



**BTA08-700CW**  
STMicroelectronics



**BTA08-600E**  
JX

## 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

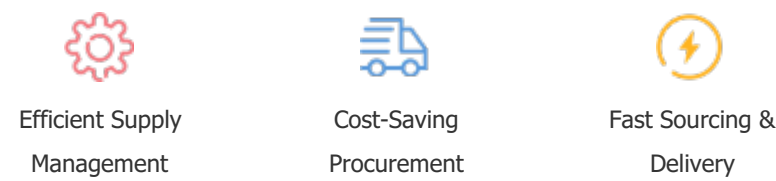
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

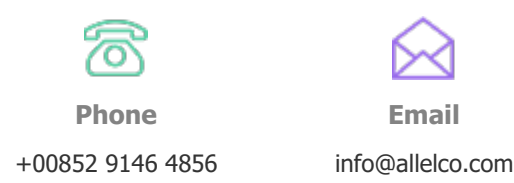
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)



### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com