

Image may be representation.
See specifications for product details.



BTB08-600CWRG

Manufacturer Part Number	BTB08-600CWRG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-BTB08-600CWRG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRIAC ALTERNISTOR 600V TO220AB
Package	TO-220-3
Data sheet	BTB08-600CWRG.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTB08-600CWRG - STMicroelectronics. New Original in Stock. Download Linear Technology BTB08-600CWRG datasheet/specifications on AllelcoElec.com. Request a quote for BTB08-600CWRG, please send us email: info@allelco.com

Specifications

BTB08-600CWRG Tech Specifications

BTB08-600CWRG - 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	Alternistor - Snubberless	Current - Non Rep. Surge 50, 60Hz (I _{tsm})	80A, 84A
Supplier Device Package	TO-220	Current - Hold (I _h) (Max)	35 mA
Series	Snubberless™	Current - Gate Trigger (Igt) (Max)	35 mA
Package / Case	TO-220-3	Configuration	Single
Package	Tube	Base Product Number	BTB08

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics BTB08-600CWRG

Product Attribute				
Part Number	BTB08-600CWRG	BTB08-600CRG	BTB08-400CRG	BTB08-600BWRG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	BTB08	BTB08	BTB08	BTB08
Supplier Device Package	TO-220	TO-220	TO-220	TO-220
Voltage - Off State	600 V	600 V	400 V	600 V
Current - On State (It (RMS)) (Max)	8 A	8 A	8 A	8 A
Triac Type	Alternistor - Snubberless	Standard	Standard	Alternistor - Snubberless
Current - Gate Trigger (Igt) (Max)	35 mA	25 mA	25 mA	50 mA
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	80A, 84A	80A, 84A	80A, 84A	80A, 84A
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1.3 V	1.3 V
Series	Snubberless™	-	-	Snubberless™
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Configuration	Single	Single	Single	Single
Package	Tube	Tube	Tube	Tube
Current - Hold (I _h) (Max)	35 mA	25 mA	25 mA	50 mA
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)

BTB08-600CWRG Datasheet PDF

Download BTB08-600CWRG pdf datasheets and STMicroelectronics documentation for BTB08-600CWRG - STMicroelectronics.

PCN Assembly/Origin

[ECOPACK2 Molding Compound 21/Jun/2013.pdf](#)

Customers Also Interested in

Recommended Products



BTB08-400C
STMicroelectronics



BTB08-600CRG
STMicroelectronics
TRIAC 600V 8A TO220AB



BTB08-400CRG
STMicroelectronics
TRIAC 400V 8A TO220AB



BTB08-600BWRG
STMicroelectronics
TRIAC ALTERNISTOR 600V TO220AB



BTB08-600B
STMicroelectronics



BTB08-600BRG
STMicroelectronics
TRIAC 600V 8A TO220AB



BTB08-400BRG
STMicroelectronics
TRIAC 400V 8A TO220AB



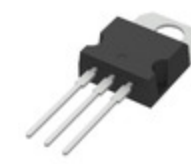
BTB08-800BW3G
Littelfuse Inc.
TRIAC 800V 8A TO220AB



BTB08-600TWRG
STMicroelectronics
TRIAC SENS GATE 600V 8A TO220AB



BTB08-600SRG
STMicroelectronics
TRIAC SENS GATE 600V 8A TO220AB



BTB08-600SWRG
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TRIAC SENS GATE 600V 8A TO220AB



BTB08-600BW3G
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4 QUADRANT LOGIC LEVEL TRIAC,
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BTB08-700TW
STMicroelectronics



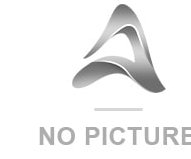
BTB08-600BW3G
Littelfuse Inc.
TRIAC 600V 8A TO220AB



BTB08-700TWRG
STMicroelectronics



BTB08-700BWRG
STMicroelectronics
TRIAC ALTERNISTOR 700V TO220AB



BTB08-800



BTB08-600C
STMicroelectronics

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.

Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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