

Image may be representation.
See specifications for product details.



BTA12-600BW3G

Manufacturer Part Number	BTA12-600BW3G
Manufacturer	onsemi
Allelco Part Number	32D-BTA12-600BW3G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SNUBBERLESS TRIAC, 600V, 12A, TO
Package	TO-220-3
Data sheet	BTA12-600BW3G.pdf

Get a Quote

BTA12-600BW3G - onsemi.New Original in Stock. Download Linear Technology BTA12-600BW3G datasheet/specifications on AllelcoElec.com.
Request a quote for BTA12-600BW3G, please send us email: info@allelco.com

Specifications

BTA12-600BW3G Tech Specifications
BTA12-600BW3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Off State	600 V	Mounting Type	Through Hole
Voltage - Gate Trigger (Vgt) (Max)	1.1 V	Current - On State (It (RMS)) (Max)	12 A
Triac Type	Standard	Current - Non Rep. Surge 50, 60Hz (Itsm)	105A @ 60Hz
Supplier Device Package	TO-220AB	Current - Hold (Ih) (Max)	50 mA
Series	-	Current - Gate Trigger (Igt) (Max)	50 mA
Package / Case	TO-220-3	Configuration	Single
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BTA12-600BW3G

Product Attribute				
Part Number	BTA12-600BW3G	BTA12-600CWRG	BTA12-600BW3G	BTA12-600BWRG
Manufacturer	onsemi	STMicroelectronics	Littelfuse Inc.	STMicroelectronics
Current - Hold (Ih) (Max)	50 mA	35 mA	50 mA	50 mA
Current - Gate Trigger (Igt) (Max)	50 mA	35 mA	50 mA	50 mA
Current - On State (It (RMS)) (Max)	12 A	12 A	12 A	12 A
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Non Rep. Surge 50, 60Hz (Itsm)	105A @ 60Hz	120A, 126A	105A @ 60Hz	120A, 126A
Configuration	Single	Single	Single	Single
Voltage - Gate Trigger (Vgt) (Max)	1.1 V	1.3 V	1.1 V	1.3 V
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Triac Type	Standard	Alternistor - Snubberless	Standard	Alternistor - Snubberless
Supplier Device Package	TO-220AB	TO-220	TO-220AB	TO-220
Series	-	Snubberless™	-	Snubberless™
Package	Bulk	Tube	Tube	Tube
Voltage - Off State	600 V	600 V	600 V	600 V

Customers Also Interested in

Recommended Products

BTA12-600CWRG STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	BTA12-600B STMicroelectronics	BTA12-1000BWRG STMicroelectronics	BTA12-600BW3G Littelfuse Inc. TRIAC 600V 12A TO220AB	BTA12-600BWRG STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	BTA12-600CW STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB
BTA12-600BRG STMicroelectronics TRIAC 600V 12A TO220AB	BTA12-600C TOOHONG	BTA12-1000CRG STMicroelectronics	BTA12-600CW3G Littelfuse Inc. TRIAC 600V 12A TO220AB	BTA12-600BW STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	BTA12-1000BRG 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

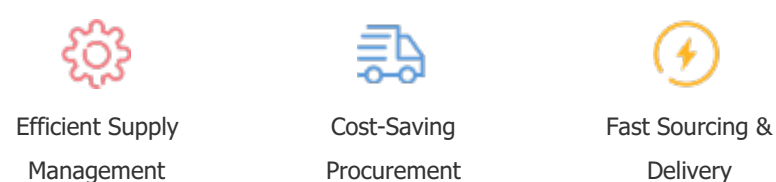
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

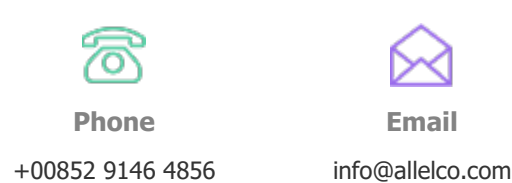
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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