



Image may be representation.
See specifications for product details.



BTA12-800BWRG

Manufacturer Part Number	BTA12-800BWRG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-BTA12-800BWRG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRIAC ALTERNISTOR 800V TO220AB
Package	TO-220-3
Data sheet	BT(A,B)12, T12xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTA12-800BWRG - STMicroelectronics. New Original in Stock. Download Linear Technology BTA12-800BWRG datasheet/specifications on AllelcoElec.com.
Request a quote for BTA12-800BWRG, please send us email: info@allelco.com

Specifications

BTA12-800BWRG Tech Specifications

BTA12-800BWRG - 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)	12 A
Triac Type	Alternistor - Snubberless	Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A
Supplier Device Package	TO-220AB Insulated	Current - Hold (Ih) (Max)	50 mA
Series	Snubberless™	Current - Gate Trigger (Igt) (Max)	50 mA
Package / Case	TO-220-3	Configuration	Single
Package	Tube	Base Product Number	BTA12

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics BTA12-800BWRG

Product Attribute				
Part Number	BTA12-800BWRG	BTA12-800BW3G	BTA12-800BW3G	BTA12-700SWRG
Manufacturer	STMicroelectronics	Littelfuse Inc.	onsemi	STMicroelectronics
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 110°C (TJ)
Current - Hold (Ih) (Max)	50 mA	50 mA	50 mA	15 mA
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - On State (It (RMS)) (Max)	12 A	12 A	12 A	12 A
Supplier Device Package	TO-220AB Insulated	TO-220AB	TO-220AB	TO-220
Triac Type	Alternistor - Snubberless	Standard	Standard	Logic - Sensitive Gate
Series	Snubberless™	-	-	-
Base Product Number	BTA12	BTA12	-	BTA12
Current - Gate Trigger (Igt) (Max)	50 mA	50 mA	50 mA	10 mA
Package	Tube	Tube	Bulk	Tube
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.1 V	1.1 V	1.3 V
Configuration	Single	Single	Single	Single
Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A	105A @ 60Hz	105A @ 60Hz	120A, 126A
Voltage - Off State	800 V	800 V	800 V	700 V

BTA12-800BWRG Datasheet PDF

Download BTA12-800BWRG pdf datasheets and STMicroelectronics documentation for BTA12-800BWRG - STMicroelectronics.

PCN Assembly/Origin

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

HTML Datasheet

[BT\(A,B\)12, T12xx.pdf](#)

Customers Also Interested in

Recommended Products



BTA12-700CW
STMicroelectronics



BTA12-800C
HSDQ



BTA12-800B
HSDQ



BTA12-800BW3G
Littelfuse Inc.
TRIAC 800V 12A TO220AB



BTA12-800CRG
STMicroelectronics



BTA12-700SW
STMicroelectronics

**BTA12-800BW3G**onsemi
SNUBBERLESS TRIAC, 800V, 12A, TO**BTA12-700SWRG**STMicroelectronics
TRIAC SENS GATE 700V 12A TO220AB**BTA12-800CW3G**Littelfuse Inc.
TRIAC 800V 12A TO220AB**BTA12-800**

HSDQ

**BTA12-700S**

STMicroelectronics

**BTA12-800SWRG**STMicroelectronics
TRIAC SENS GATE 800V 12A TO220AB**BTA12-800CW3G**onsemi
SNUBBERLESS TRIAC, 800V, 12A, TO**BTA12-800CW**

STMicroelectronics

**BTA12-800CWRG**STMicroelectronics
TRIAC ALTERNISTOR 800V TO220AB**BTA12-800BW**

STMicroelectronics

**BTA12-800BRG**STMicroelectronics
TRIAC 800V 12A TO220AB**BTA1210E3**

CYD

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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