



Image may be representation.  
See specifications for product details.



## T835-600B

Manufacturer Part Number	<b>T835-600B</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-T835-600B
ECAD Model	PCB Footprint and Symbol
Parts Description	TRIAC ALTERNISTOR 600V 8A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	T835-600B.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

T835-600B - STMicroelectronics.New Original in Stock. Download Linear Technology T835-600B datasheet/specifications on AllelcoElec.com.  
Request a quote for T835-600B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

T835-600B Tech Specifications

T835-600B - 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	Surface Mount
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 <sub>tsm</sub> )	80A, 84A
Supplier Device Package	DPAK	Current - Hold (I <sub>h</sub> ) (Max)	35 mA
Series	Snubberless™	Current - Gate Trigger (I <sub>gt</sub> ) (Max)	35 mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Configuration	Single
Package	Tube	Base Product Number	T835

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics T835-600B

Product Attribute				
Part Number	T835-600B	T835-600B-TR	T835-600H	T835H-6G-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1.3 V	1 V
Current - Gate Trigger (Igt) (Max)	35 mA	35 mA	35 mA	35 mA
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	80A, 84A	80A, 84A	80A, 84A	80A, 84A
Supplier Device Package	DPAK	DPAK	TO-251 (IPAK)	D2PAK
Current - Hold (I <sub>h</sub> ) (Max)	35 mA	35 mA	35 mA	35 mA
Series	Snubberless™	Snubberless™	Snubberless™	Snubberless™
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Base Product Number	T835	T835	T835	T835
Voltage - Off State	600 V	600 V	600 V	600 V
Triac Type	Alternistor - Snubberless	Alternistor - Snubberless	Alternistor - Snubberless	Alternistor - Snubberless
Configuration	Single	Single	Single	Single
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-251-3 Short Leads, IPak, TO-251AA	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Current - On State (It (RMS)) (Max)	8 A	8 A	8 A	8 A

### Customers Also Interested in

#### Recommended Products



**T835-600B-TR**

STMicroelectronics  
TRIAC ALTERNISTOR 600V 8A DPAK



**T835-600H**

STMicroelectronics  
TRIAC ALTERNISTOR 600V 8A IPAK



**T835H-6G-TR**

STMicroelectronics  
TRIAC ALTERNISTOR 600V 8A D2PAK



**T835-400BTR**

STMicroelectronics



**T830N14TOF**

Cypress Semiconductor  
(Infineon Technologies)  
IGBT Module



**T830N12TOF**

Cypress Semiconductor  
(Infineon Technologies)  
IGBT Module



**T835-800G-TR**

STMicroelectronics



**T835-800B-TR**

STMicroelectronics  
TRIAC ALTERNISTOR 800V 8A DPAK



**T830-800W**

STMicroelectronics  
TRIAC ALTERNISTOR 800V ISOWATT



**T835H-6T**

STMicroelectronics  
TRIAC ALTERNISTOR 600V TO220AB



**T830T-8FP**

STMicroelectronics



**T830320101**

PANA-SEMI



**T835-400B-TR**  
STMicroelectronics

**T835T-6I**  
STMicroelectronics  
TRIAC ALTERNISTOR 600V TO220AB

**T835-600G**  
STMicroelectronics  
TRIAC ALTERNISTOR 600V 8A D2PAK

**T835H-6I**  
STMicroelectronics  
TRIAC ALTERNISTOR 600V TO220AB

**T835-600G-TR**  
STMicroelectronics  
TRIAC ALTERNISTOR 600V 8A D2PAK

**T8306BX**  
TMTECH

## 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

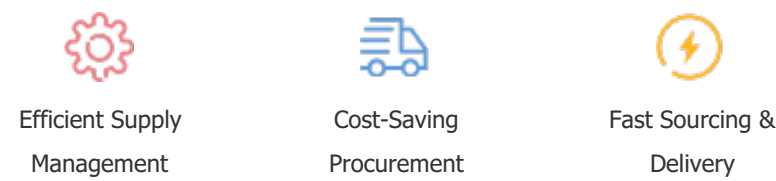
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

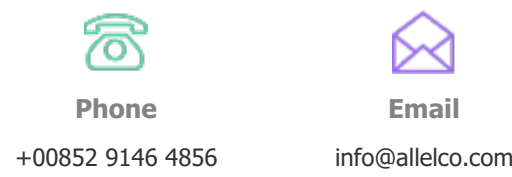
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### 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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.