

Image may be representation.
See specifications for product details.



T1235-600G-TR

Manufacturer Part Number	T1235-600G-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-T1235-600G-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRIAC ALTERNISTOR 600V 12A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	BT(A,B)12, T12xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

T1235-600G-TR - STMicroelectronics.New Original in Stock. Download Linear Technology T1235-600G-TR datasheet/specifications on AllelcoElec.com.
Request a quote for T1235-600G-TR, please send us email: info@allelco.com

Specifications

T1235-600G-TR Tech Specifications

T1235-600G-TR - 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)	12 A
Triac Type	Alternistor - Snubberless	Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A
Supplier Device Package	D2PAK	Current - Hold (Ih) (Max)	35 mA
Series	Snubberless™	Current - Gate Trigger (Igt) (Max)	35 mA
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Configuration	Single
Package	Tape & Reel (TR)	Base Product Number	T1235

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics T1235-600G-TR

Product Attribute				
Part Number	T1235-600G-TR	T1235H-600G	T1235H-6G-TR	T1235H-6G
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A	120A, 126A	120A, 126A	120A, 126A
Triac Type	Alternistor - Snubberless	Alternistor - Snubberless	Alternistor - Snubberless	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1 V	1 V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Gate Trigger (Igt) (Max)	35 mA	35 mA	35 mA	35 mA
Current - On State (It (RMS)) (Max)	12 A	12 A	12 A	12 A
Voltage - Off State	600 V	600 V	600 V	600 V
Base Product Number	T1235	T1235	T1235	T1235
Configuration	Single	Single	Single	Single
Supplier Device Package	D2PAK	D2PAK	D2PAK	D2PAK
Series	Snubberless™	Snubberless™	Snubberless™	Snubberless™
Current - Hold (Ih) (Max)	35 mA	35 mA	35 mA	35 mA
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

T1235-600G-TR Datasheet PDF

Download T1235-600G-TR pdf datasheets and STMicroelectronics documentation for T1235-600G-TR - STMicroelectronics.

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)

HTML Datasheet



















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

PCN Assembly/Origin

[Multi Devices 30/Jun/2017.pdf](#)

Customers Also Interested in

Recommended Products

 T1235H-600G STMicroelectronics TRIAC ALTERNISTOR 600V 12A D2PAK	 T1231T Pulse Electronics PULSE XFMR 1:2.4 TX 1:1 RX	 T1231NL Pulse Electronics XFRMR T1/E1/CEPT/ESDN-PRI 1:2.4	 T1235H-6G-TR STMicroelectronics TRIAC ALTERNISTOR 600V 12A D2PAK	 T1235H-6G STMicroelectronics TRIAC ALTERNISTOR 600V 12A D2PAK	 T1235H-600G-TR STMicroelectronics TRIAC ALTERNISTOR 600V 12A D2PAK
 T1235-800G-TR STMicroelectronics TRIAC ALTERNISTOR 800V 12A D2PAK	 T1235-8FP STM	 T1231QNL Pulse Electronics XFRMR OCT T1 1:2.4 1:1 OH	 T1235H-6I STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	 T1235T-6I STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB	 T1235H-6T STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB
 T1231NLT Pulse Electronics XFRMR T1/E1/CEPT/ESDN-PRI 1:2.4	 T1231S Pulse Electronics	 T1235-600G STMicroelectronics TRIAC ALTERNISTOR 600V 12A D2PAK	 T123038/08 MOTOROLA	 T1233NL Pulse Electronics	 T1235H-600TRG STMicroelectronics TRIAC ALTERNISTOR 600V TO220AB

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



[View More](#)