



Image may be representation.
See specifications for product details.



TN815-600B-TR

Manufacturer Part Number	TN815-600B-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TN815-600B-TR
ECAD Model	PCB Footprint and Symbol
Parts Description	SCR 600V 8A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	TN805/815, TS820, TYN608.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TN815-600B-TR - STMicroelectronics.New Original in Stock. Download Linear Technology TN815-600B-TR datasheet/specifications on AllelcoElec.com.
Request a quote for TN815-600B-TR, please send us email: info@allelco.com

Specifications

TN815-600B-TR Tech Specifications

TN815-600B-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - On State (V _{tm}) (Max)	1.6 V	Mounting Type	Surface Mount
Voltage - Off State	600 V	Current - On State (I _t (RMS)) (Max)	8 A
Voltage - Gate Trigger (V _{gt}) (Max)	1.3 V	Current - On State (I _t (AV)) (Max)	5 A
Supplier Device Package	DPAK	Current - Off State (Max)	5 µA
Series	-	Current - Non Rep. Surge 50, 60Hz (I _{tsm})	70A, 73A
SCR Type	Standard Recovery	Current - Hold (I _h) (Max)	40 mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Gate Trigger (I _{gt}) (Max)	15 mA
Package	Tape & Reel (TR)	Base Product Number	TN815

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TN815-600B-TR

Product Attribute				
Part Number	TN815-600B-TR	TN815-800B-TR	TN815-600B	TN82592
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	Intel
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-
Current - Hold (I _h) (Max)	40 mA	40 mA	40 mA	-
SCR Type	Standard Recovery	Standard Recovery	Standard Recovery	-
Current - On State (I _t (RMS)) (Max)	8 A	8 A	8 A	-
Current - Gate Trigger (I _{gt}) (Max)	15 mA	15 mA	15 mA	-
Supplier Device Package	DPAK	DPAK	DPAK	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	-
Base Product Number	TN815	TN815	TN815	-
Series	-	-	-	-
Voltage - Gate Trigger (V _{gt}) (Max)	1.3 V	1.3 V	1.3 V	-
Current - Off State (Max)	5 µA	5 µA	5 µA	-
Voltage - On State (V _{tm}) (Max)	1.6 V	1.6 V	1.6 V	-
Current - On State (I _t (AV)) (Max)	5 A	5 A	5 A	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	-
Voltage - Off State	600 V	800 V	600 V	-
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	70A, 73A	70A, 73A	70A, 73A	-

TN815-600B-TR Datasheet PDF

Download TN815-600B-TR pdf datasheets and STMicroelectronics documentation for TN815-600B-TR - STMicroelectronics.

HTML Datasheet

[TN805/815, TS820, TYN608.pdf](#)

Customers Also Interested in

Recommended Products



TN815-800B-TR

STMicroelectronics
SCR 800V 8A DPAK



TN82592

Intel



TN80C51FA1

Atmel (Microchip Technology)



TN80C51GB

Intel



TN82C55A2

Intel



NO PICTURE

TN82C54-2

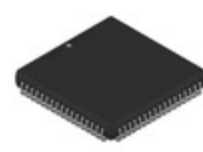
Rochester Electronics, LLC
PROGRAMMABLE TIMER, 3

**TN82C542**

Intel

**TN82527**Intel
LAN CONTROLLER, 2 CHANNEL(S),
CM**TN80C321**

Intel

**TN80L188EA13**Intel
MPU, 16-BIT, 13MHZ, CMOS, PQCC68

NO PICTURE

TN8118

TN

**TN80C31BH1**

Intel

**TN815-600B**STMicroelectronics
SCR 600V 8A DPAK**TN80C51GB1**

Intel

**TN82050**

Intel

**TN80L188EB13**

Intel



NO PICTURE

TN82510Rochester Electronics, LLC
SERIAL I/O CONTROLLER, 1
CHANNEL**TN810-600B**

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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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