

Image may be representation.  
See specifications for product details.



## 2N6394G

Manufacturer Part Number	<b>2N6394G</b>
Manufacturer	<b>Littelfuse</b>
Allelco Part Number	32D-2N6394G
ECAD Model	Request Free CAD Models
Parts Description	SCR 50V 12A TO220AB
Package	TO-220-3
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

2N6394G - Littelfuse Inc..New Original in Stock. Download Linear Technology 2N6394G datasheet/specifications on AllelcoElec.com.  
Request a quote for 2N6394G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

2N6394G Tech Specifications

2N6394G - Littelfuse Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Littelfuse	Operating Temperature	-40°C ~ 125°C
Voltage - On State (V <sub>tm</sub> ) (Max)	2.2 V	Mounting Type	Through Hole
Voltage - Off State	50 V	Current - On State (I <sub>t</sub> (RMS)) (Max)	12 A
Voltage - Gate Trigger (V <sub>gt</sub> ) (Max)	1.5 V	Current - Off State (Max)	10 μA
Supplier Device Package	TO-220AB	Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	100A @ 60Hz
Series	-	Current - Hold (I <sub>h</sub> ) (Max)	50 mA
SCR Type	Standard Recovery	Current - Gate Trigger (I <sub>gt</sub> ) (Max)	30 mA
Package / Case	TO-220-3	Base Product Number	2N6394
Package	Box		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Littelfuse Inc. 2N6394G

Product Attribute				
Part Number	2N6394G	2N6394	2N6397TG	2N6394TG
Manufacturer	Littelfuse Inc.	onsemi	Littelfuse Inc.	Littelfuse Inc.
Voltage - On State (V <sub>tm</sub> ) (Max)	2.2 V	2.2 V	2.2 V	2.2 V
Voltage - Off State	50 V	50 V	400 V	50 V
Voltage - Gate Trigger (V <sub>gt</sub> ) (Max)	1.5 V	1.5 V	1.5 V	1.5 V
SCR Type	Standard Recovery	Standard Recovery	Standard Recovery	Standard Recovery
Package	Box	Bulk	Box	Box
Series	-	-	-	-
Base Product Number	2N6394	2N6394	2N6397	2N6394
Current - On State (I <sub>t</sub> (RMS)) (Max)	12 A	12 A	12 A	12 A
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Current - Off State (Max)	10 μA	10 μA	10 μA	10 μA
Current - Gate Trigger (I <sub>gt</sub> ) (Max)	30 mA	30 mA	30 mA	30 mA
Current - Hold (I <sub>h</sub> ) (Max)	50 mA	50 mA	50 mA	50 mA
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	100A @ 60Hz	100A @ 60Hz	100A @ 60Hz	100A @ 60Hz
Supplier Device Package	TO-220AB	TO-220AB	TO-220AB	TO-220AB

### 2N6394G Datasheet PDF

Download 2N6394G pdf datasheets and Littelfuse Inc. documentation for 2N6394G - Littelfuse Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin



















[2.73KHz.pdf](#)

#### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>2N6394</b> onsemi SCR 50V 12A TO220AB	<b>2N6388</b> onsemi TRANS NPN DARL 80V 10A TO220	<b>2N6387</b> NTE Electronics, Inc TRANS NPN DARL 60V 10A TO220	<b>2N6397TG</b> Littelfuse Inc. SCR 400V 12A TO220AB	<b>2N6394TG</b> Littelfuse Inc. SCR 50V 12A TO220AB	<b>2N6397G</b> Littelfuse Inc. SCR 400V 12A TO220AB
					
<b>2N6397TG</b> onsemi SILICON CONTROLLED RECTIFIER	<b>2N6395G</b> Littelfuse Inc. SCR 100V 12A TO220AB	<b>2N6394TG</b> onsemi SILICON CONTROLLED RECTIFIER, 12	<b>2N6399TG</b> Littelfuse Inc. SCR 800V 12A TO220AB	<b>2N6388</b> NTE Electronics, Inc TRANS NPN DARL 80V 10A TO220	<b>2N6395</b> onsemi THYRISTOR SCR 12A 100V TO220AB
					
<b>2N6387</b> onsemi TRANS NPN DARL 60V 10A TO220	<b>2N6388G</b> onsemi TRANS NPN DARL 80V 10A TO220	<b>2N6387</b> Harris Corporation TRANS NPN DARL 60V 10A TO220AB	<b>2N6387G</b> onsemi TRANS NPN DARL 60V 10A TO220	<b>2N6399G</b> Littelfuse Inc. SCR 800V 12A TO220AB	<b>2N6388</b> STMicroelectronics TRANS NPN DARL 80V 10A TO220

## 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  
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## Certifications & Memberships



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