



Image may be representation.  
See specifications for product details.



## ACS108-6SA

Manufacturer Part Number	<b>ACS108-6SA</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ACS108-6SA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRIAC SENS GATE 600V 0.45A TO92
Package	TO-226-3, TO-92-3 (TO-226AA)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ACS108-6SA - STMicroelectronics.New Original in Stock. Download Linear Technology ACS108-6SA datasheet/specifications on AllelcoElec.com.  
Request a quote for ACS108-6SA, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ACS108-6SA Tech Specifications

ACS108-6SA - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-30°C ~ 125°C (TJ)
Voltage - Off State	600 V	Mounting Type	Through Hole
Voltage - Gate Trigger (Vgt) (Max)	1 V	Current - On State (It (RMS)) (Max)	450 mA
Triac Type	Logic - Sensitive Gate	Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	7.3A, 7.6A
Supplier Device Package	TO-92-3	Current - Hold (I <sub>h</sub> ) (Max)	25 mA
Series	ACS™/A.S.D®	Current - Gate Trigger (I <sub>gt</sub> ) (Max)	10 mA
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	Configuration	Single
Package	Bulk	Base Product Number	ACS108

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ACS108-6SA

Product Attribute				
Part Number	ACS108-6SA	ACS108-6SN-TR	ACS108-6SA-TR	ACS108-6SUF-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - On State (It (RMS)) (Max)	450 mA	800 mA	450 mA	800 mA
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	TO-261-4, TO-261AA	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	3-SMB, Flat Lead
Series	ACS™/A.S.D®	ACS™/A.S.D®	ACS™/A.S.D®	ACS™/A.S.D®
Current - Gate Trigger (I <sub>gt</sub> ) (Max)	10 mA	10 mA	10 mA	10 mA
Current - Hold (I <sub>h</sub> ) (Max)	25 mA	25 mA	25 mA	25 mA
Voltage - Off State	600 V	600 V	600 V	600 V
Base Product Number	ACS108	ACS108	ACS108	ACS108
Triac Type	Logic - Sensitive Gate	Logic - Sensitive Gate	Logic - Sensitive Gate	Logic - Sensitive Gate
Configuration	Single	Single	Single	Single
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	7.3A, 7.6A	7.3A, 7.6A	7.3A, 7.6A	7.3A, 7.6A
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Operating Temperature	-30°C ~ 125°C (TJ)	-30°C ~ 125°C (TJ)	-30°C ~ 125°C (TJ)	-30°C ~ 125°C (TJ)
Voltage - Gate Trigger (Vgt) (Max)	1 V	1 V	1 V	1 V
Supplier Device Package	TO-92-3	SOT-223	TO-92-3	SMBflat-3L

## ACS108-6SA Datasheet PDF

Download ACS108-6SA pdf datasheets and STMicroelectronics documentation for ACS108-6SA - STMicroelectronics.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

## Customers Also Interested in

### Recommended Products



**ACS108-6SN-TR/EB**  
STMicroelectronics

**ACS108-6SN-TR**  
STMicroelectronics  
TRIAC SENS GATE 600V 0.8A  
SOT223

**ACS108-6SA-TR**  
STMicroelectronics  
TRIAC SENS GATE 600V 0.45A TO92

**ACS108-6SUF-TR**  
STMicroelectronics  
TRIAC SENS GATE 600V SMBFLAT

**ACS108-5SN-TR/EB**  
STMicroelectronics

**ACS108-5SN-TR**  
STMicroelectronics

**ACS108-8SUN-TR**STMicroelectronics  
TRIAC 800V 0.8A 10MA SMBFLAT-3**ACS108-8SN-TR**STMicroelectronics  
TRIAC LOGIC 800V 800MA SOT223**ACS1025T**

STMicroelectronics

**ACS108-5SN/C**

STMicroelectronics

**ACS1026T**

STMicroelectronics

**ACS108-6SN**

STMicroelectronics

**ACS108-5SA**STMicroelectronics  
TRIAC SENS GATE 500V 0.8A TO92-3**ACS108-5SA-TR**STMicroelectronics  
TRIAC SENS GATE 500V 0.8A TO92-3**ACS102-6TA-TR**STMicroelectronics  
TRIAC ALTERNISTOR 600V TO92-3**ACS108-8SA-TR**STMicroelectronics  
TRIAC SENS GATE 800V 0.45A TO92**ACS108-6S**

STMicroelectronics

**ACS108-5SN**STMicroelectronics  
TRIAC SENS GATE 500V 0.8A SOT223

## 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.

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## Certifications & Memberships



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