

Image may be representation.
See specifications for product details.



SMAJ6.0A-TR

Manufacturer Part Number	SMAJ6.0A-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SMAJ6.0A-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 6VWM 13.7VC SMA
Package	DO-214AC, SMA
Data sheet	SMAJ Datasheet.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

SMAJ6.0A-TR - STMicroelectronics.New Original in Stock. Download Linear Technology SMAJ6.0A-TR datasheet/specifications on AllelcoElec.com.
Request a quote for SMAJ6.0A-TR, please send us email: info@allelco.com

Specifications

SMAJ6.0A-TR Tech Specifications

SMAJ6.0A-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	400W
Voltage - Reverse Standoff (Typ)	6V	Package / Case	DO-214AC, SMA
Voltage - Clamping (Max) @ Ipp	13.7V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6.7V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	170A (8/20µs)
Supplier Device Package	SMA (DO-214AC)	Capacitance @ Frequency	-
Series	SMAJ, TRANSIL™	Base Product Number	SMAJ6.0
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SMAJ6.0A-TR

Product Attribute				
Part Number	SMAJ6.0A-TR	SMAJ6.0CA	SMAJ6.0CA	SMAJ6.0CA
Manufacturer	STMicroelectronics	Yangzhou Yangjie Electronic Technology Co.,Ltd	Würth Elektronik	Taiwan Semiconductor Corporation
Voltage - Breakdown (Min)	6.7V	6.67V	7.02V (Typ)	6.67V
Supplier Device Package	SMA (DO-214AC)	DO-214AC (SMA)	DO-214AC	DO-214AC (SMA)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	Zener	Zener	Zener	Zener
Unidirectional Channels	1	-	-	-
Voltage - Clamping (Max) @ Ipp	13.7V	10.3V	10.3V	10.3V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package / Case	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA
Voltage - Reverse Standoff (Typ)	6V	6V	6V (Max)	6V
Power Line Protection	No	No	No	No
Capacitance @ Frequency	-	-	-	-
Power - Peak Pulse	400W	400W	400W	400W
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SMAJ6.0	-	-	SMAJ6.0
Applications	General Purpose	Telecom	General Purpose	General Purpose
Series	SMAJ, TRANSIL™	SMAJ	WE-TVSP	SMAJ
Current - Peak Pulse (10/1000µs)	170A (8/20µs)	38.83A	38.8A	38.8A

SMAJ6.0A-TR Datasheet PDF

Download SMAJ6.0A-TR pdf datasheets and STMicroelectronics documentation for SMAJ6.0A-TR - STMicroelectronics.

HTML Datasheet

[SMAJ Datasheet.pdf](#)

Other Related Documents

[SMAJ View All Specifications.pdf](#)

Customers Also Interested in

Recommended Products



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.

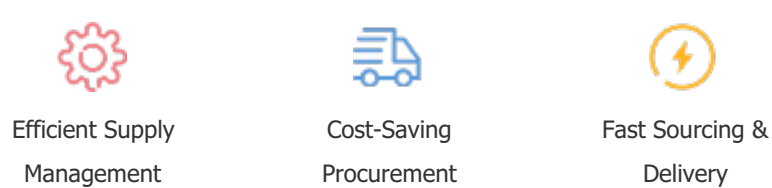
Contact us if you have any questions.

Payment Support

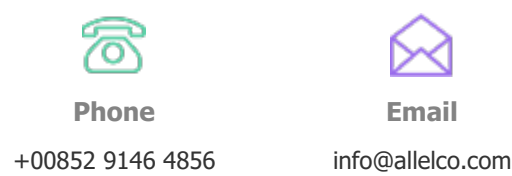
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



+00852 9146 4856 info@allelco.com

Certifications & Memberships



View More