

Image may be representation.  
See specifications for product details.



## TVS4201MR6T1G

Manufacturer Part Number	<b>TVS4201MR6T1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-TV54201MR6T1G
ECAD Model	PCB Footprint and Symbol
Parts Description	TVS DIODE 5VWM 12VC 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	<b>TVS4201MR6.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TVS4201MR6T1G - onsemi.New Original in Stock. Download Linear Technology TVS4201MR6T1G datasheet/specifications on AllelcoElec.com.  
Request a quote for TVS4201MR6T1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TVS4201MR6T1G Tech Specifications

TVS4201MR6T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Power - Peak Pulse	500W
Voltage - Reverse Standoff (Typ)	5V (Max)	Package / Case	SOT-23-6 Thin, TSOT-23-6
Voltage - Clamping (Max) @ Ipp	12V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6V	Operating Temperature	-40°C ~ 125°C (TJ)
Unidirectional Channels	4	Mounting Type	Surface Mount
Type	Steering (Rail to Rail)	Current - Peak Pulse (10/1000µs)	25A (8/20µs)
Supplier Device Package	6-TSOP	Capacitance @ Frequency	3pF @ 1MHz
Series	Automotive, AEC-Q101	Base Product Number	TVS4201
Power Line Protection	Yes	Applications	Automotive

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TVS4201MR6T1G

Product Attribute				<b>Panasonic</b>
Part Number	TVS4201MR6T1G	TVS8501V5MUT5G	TVS5501V10MUT5G	TVSA0322
Manufacturer	onsemi	onsemi	onsemi	Panasonic
Applications	Automotive	Automotive	General Purpose	-
Voltage - Breakdown (Min)	6V	6V	12V	-
Power Line Protection	Yes	No	No	-
Power - Peak Pulse	500W	-	-	-
Current - Peak Pulse (10/1000µs)	25A (8/20µs)	70A (8/20µs)	60A (8/20µs)	-
Voltage - Reverse Standoff (Typ)	5V (Max)	5V (Max)	10V (Max)	-
Operating Temperature	-40°C ~ 125°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-
Supplier Device Package	6-TSOP	2-UDFN (1.6x1)	2-UDFN (1.6x1)	-
Capacitance @ Frequency	3pF @ 1MHz	16pF @ 1MHz	400pF @ 1MHz (Max)	-
Unidirectional Channels	4	1	1	-
Base Product Number	TVS4201	TVS8501	TVS5501	-
Voltage - Clamping (Max) @ Ipp	12V	11.5V	20V	-
Package / Case	SOT-23-6 Thin, TSOT-23-6	2-UDFN	2-UDFN	-
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Type	Steering (Rail to Rail)	Zener	Zener	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-

### TVS4201MR6T1G Datasheet PDF

Download TVS4201MR6T1G pdf datasheets and onsemi documentation for TVS4201MR6T1G - onsemi.

#### Environmental Information

onsemi RoHS.pdf

Material Declaration TVS4201MR6T1G.pdf

#### PCN Packaging

2.73KHz.pdf








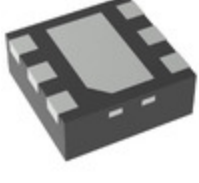




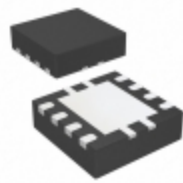





#### PCN Assembly/Origin

2.73KHz.pdf

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>TVSA0322</b> Panasonic	<b>TVS350A</b> JXND	<b>TVS8501V5MUT5G</b> onsemi TVS DIODE 5VWM 11.5VC 2UDFN	<b>TVSA0286</b> NEC	<b>TVS3V3L4U</b> Cypress Semiconductor (Infineon Technologies)	<b>TVSA0357</b> Panasonic
					
<b>TVSA0306</b> Panasonic	<b>TVS3300DRV</b> Texas Instruments 33V PRECISION SURGE PROTECTION	<b>TVS400A</b> JXND	<b>TVS36A</b> JXND	<b>TVS3V3L4U E6327</b> Cypress Semiconductor (Infineon Technologies)	<b>TVS3300YZFR</b> Texas Instruments 33V PRECISION SURGE PROTECTION C
					
<b>TVS3301DRBR</b> Texas Instruments TVS DEVICE MIXED 42.5V 8SON	<b>TVS3V3L4UE6327</b> Cypress Semiconductor (Infineon Technologies)	<b>TVS320CA</b> JXND	<b>TVS5501V10MUT5G</b> onsemi TVS DIODE 10VWM 20VC 2UDFN	<b>TVSA0308</b> Panasonic	<b>TVSA0333</b> Panasonic

## 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

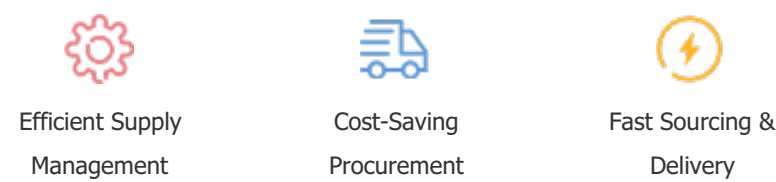
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

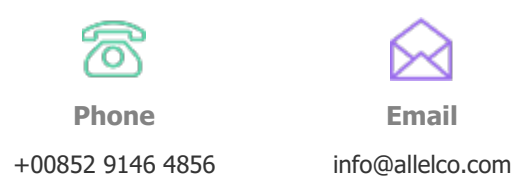
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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