



# BAV303-TR

Manufacturer Part Number	<b>BAV303-TR</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-BAV303-TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GP 200V 250MA MICROMELF
Package	2-SMD, No Lead
Data sheet	<a href="#">BAV300-303.pdf</a>
RoHs Status	ROHS3 Compliant



**Get a Quote**

BAV303-TR - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology BAV303-TR datasheet/specifications on AllelcoElec.com.  
Request a quote for BAV303-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

BAV303-TR Tech Specifications  
BAV303-TR - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	2-SMD, No Lead
Voltage - Forward (Vf) (Max) @ If	1 V @ 100 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	175°C (Max)
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	MicroMELF	Current - Reverse Leakage @ Vr	100 nA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	250mA
Series	Automotive, AEC-Q101	Capacitance @ Vr, F	1.5pF @ 0V, 1MHz
Reverse Recovery Time (trr)	50 ns	Base Product Number	BAV303

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division BAV303-TR

Product Attribute	NO PICTURE			
Part Number	BAV303-TR	<a href="#">BAV5005LP-7B</a>	<a href="#">BAV300-TR</a>	<a href="#">BAV3004WS-7</a>
Manufacturer	Vishay General Semiconductor - Diodes Division	Diodes Incorporated	Vishay General Semiconductor - Diodes Division	Diodes Incorporated
Supplier Device Package	MicroMELF	X1-DFN1006-2	MicroMELF	SOD-323
Package / Case	2-SMD, No Lead	0402 (1006 Metric)	2-SMD, No Lead	SC-76, SOD-323
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Average Rectified (Io)	250mA	300mA	250mA	225mA
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Standard Recovery >500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	1 V @ 100 mA	1.5 V @ 200 mA	1 V @ 100 mA	1.25 V @ 200 mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	Standard	Standard	Standard	Standard
Current - Reverse Leakage @ Vr	100 nA @ 200 V	1 µA @ 240 V	100 nA @ 50 V	100 nA @ 240 V
Series	Automotive, AEC-Q101	-	Automotive, AEC-Q101	-
Reverse Recovery Time (trr)	50 ns	-	50 ns	50 ns
Base Product Number	BAV303	BAV5005	BAV300	BAV3004
Voltage - DC Reverse (Vr) (Max)	200 V	400 V	50 V	300 V
Capacitance @ Vr, F	1.5pF @ 0V, 1MHz	0.9pF @ 0V, 1MHz	1.5pF @ 0V, 1MHz	5pF @ 0V, 1MHz
Operating Temperature - Junction	175°C (Max)	-55°C ~ 150°C	175°C (Max)	-65°C ~ 150°C

## BAV303-TR Datasheet PDF

Download BAV303-TR pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for BAV303-TR - Vishay General Semiconductor - Diodes Division.

### Datasheets

[BAV300-303.pdf](#)

### PCN Assembly/Origin

[Wafer Source 12/Nov/2021.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>BAV3004W-TR</b>	<b>BAV3004W T/R</b>	<b>BAV3004W-R1-00001</b>	<b>BAV3004W</b>	<b>BAV5005LP-7B</b>	<b>BAV300-TR</b>
PANJIT	PANJIT	PANJIT	PANJIT	Diodes Incorporated DIODE GEN PURP 400V 300MA 2DFN	Vishay General Semiconductor - Diodes Division DIODE GP 50V 250MA MICROMELF

**BAV70 A4/SOT23**

YMS

**BAV3004WS-7**Diodes Incorporated  
DIODE GEN PURP 300V 225MA  
SOD323**BAV3004WT/R**

PANJIT

**BAV70 A4W**

Freescale / NXP Semiconductors

**BAV301-TR**Vishay General Semiconductor -  
Diodes Division  
DIODE GP 100V 250MA MICROMELF**BAV5004W-7**Diodes Incorporated  
DIODE GEN PURP 350V 300MA  
SOD123**BAV303\_R1\_10001**

PANJIT

**BAV316****BAV5004WS-7**Diodes Incorporated  
DIODE GEN PURP 350V 300MA  
SOD323**BAV70 A4****BAV302-TR**Vishay General Semiconductor -  
Diodes Division  
DIODE GP 150V 250MA MICROMELF**BAV3004W-7-F**Diodes Incorporated  
DIODE GEN PURP 300V 225MA  
SOD123

## 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

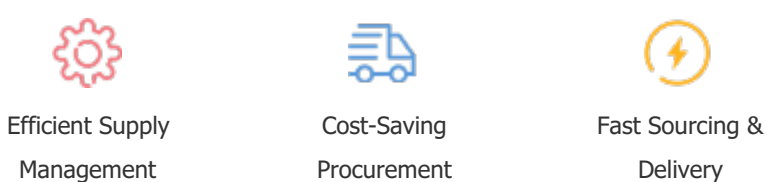
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

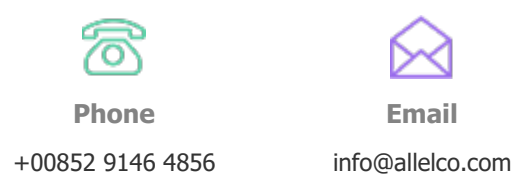
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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