

Image may be representation.
See specifications for product details.



BAT54XV2T1G

Manufacturer Part Number	BAT54XV2T1G
Manufacturer	onsemi
Allelco Part Number	32D-BAT54XV2T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 200MA SOD523
Package	SC-79, SOD-523
Data sheet	BAT54XV2T1 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BAT54XV2T1G - onsemi.New Original in Stock. Download Linear Technology BAT54XV2T1G datasheet/specifications on AllelcoElec.com.
Request a quote for BAT54XV2T1G, please send us email: info@allelco.com

Specifications

BAT54XV2T1G Tech Specifications

BAT54XV2T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-79, SOD-523
Voltage - Forward (Vf) (Max) @ If	800 mV @ 100 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	30 V	Operating Temperature - Junction	-55°C ~ 125°C
Technology	Schottky	Mounting Type	Surface Mount
Supplier Device Package	SOD-523	Current - Reverse Leakage @ Vr	2 µA @ 25 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	200mA
Series	-	Capacitance @ Vr, F	10pF @ 1V, 1MHz
Reverse Recovery Time (trr)	5 ns	Base Product Number	BAT54

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BAT54XV2T1G

Product Attribute				
Part Number	BAT54XV2T1G	BAT54XV2	BAT54XV2T5G	BAT54WS_R1_00001
Manufacturer	onsemi	onsemi	Motorola	Panjit International Inc.
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Base Product Number	BAT54	BAT54	BAT54	BAT54
Voltage - Forward (Vf) (Max) @ If	800 mV @ 100 mA	800 mV @ 100 mA	800 mV @ 100 mA	600 mV @ 100 mA
Operating Temperature - Junction	-55°C ~ 125°C	125°C (Max)	-55°C ~ 125°C	-55°C ~ 125°C
Capacitance @ Vr, F	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz	-
Current - Reverse Leakage @ Vr	2 µA @ 25 V	2 µA @ 25 V	2 µA @ 25 V	2 µA @ 25 V
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Series	-	-	-	-
Reverse Recovery Time (trr)	5 ns	5 ns	5 ns	-
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	30 V	30 V	30 V	30 V
Package / Case	SC-79, SOD-523	SC-79, SOD-523F	SC-79, SOD-523	SC-90, SOD-323F
Supplier Device Package	SOD-523	SOD-523F	SOD-523	SOD-323

BAT54XV2T1G Datasheet PDF

Download BAT54XV2T1G pdf datasheets and onsemi documentation for BAT54XV2T1G - onsemi.

Datasheets

[BAT54XV2T1 Datasheet.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Cancellation 06/Aug/2021.pdf](#)

[Multi Devices 15/Jun/2017.pdf](#)



















PCN Packaging

[SOD523 Carrier Tape Chg 8/Sep/2020.pdf](#)

[Mult Dev Taping Chg 12/Sep/2019.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE			 NO PICTURE		
BAT54XG LISION	BAT54XV2 onsemi DIODE SCHOTTKY 30V 200MA SOD523F	BAT54XY,115 Nexperia USA Inc. DIODE ARRAY SCHOTTKY 30V 6TSSOP	BAT54XV2T5G Motorola RECTIFIER DIODE, SCHOTTKY, 0.2A,	BAT54WS_R1_00001 Panjit International Inc. DIODE SCHOTTKY 30V 200MA SOD323	BAT54XV2 Yangzhou Yangjie Electronic Technology Co.,Ltd DIODE SCHOTTKY 30V 200MA SOD523
				 NO PICTURE	 NO PICTURE
BAT54XV2T1H onsemi DIODE SCHOTTKY 30V 200MA SOD523	BAT54WX-TP Micro Commercial Co DIODE SCHOTTKY 30V 200MA SOD523	BAT54XY Freescale / NXP Semiconductors	BAT54WST1G AMI Semiconductor/onsemi	BAT54WSPT CHENMKO	BAT54_R1_00029 PANJIT
					 NO PICTURE
BAT54WT1G onsemi DIODE SCHOTTKY 30V 200MA SC70- 3	BAT54_R1_00001 Panjit International Inc. DIODE SCHOTTKY 30V 200MA SOT23	BAT54XV2T5G onsemi DIODE SCHOTTKY 30V 200MA SOD523	BAT54ZFILM STMicroelectronics DIODE SCHOTTKY 40V 300MA SOD123	BAT54WT-7 Diodes Incorporated DIODE SCHOTTKY 30V 100MA SOD523	BAT54X CJ

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.

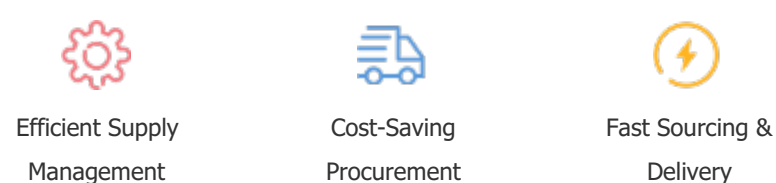
Contact us if you have any questions.

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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