



Image may be representation.
See specifications for product details.



BAT54LT1G

Manufacturer Part Number	BAT54LT1G
Manufacturer	onsemi
Allelco Part Number	32D-BAT54LT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 200MA SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	NSV,BAT54L Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BAT54LT1G - onsemi.New Original in Stock. Download Linear Technology BAT54LT1G datasheet/specifications on AllelcoElec.com.
Request a quote for BAT54LT1G, please send us email: info@allelco.com

Specifications

BAT54LT1G Tech Specifications
BAT54LT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-236-3, SC-59, SOT-23-3
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 ~ 150°C
Technology	Schottky	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	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 BAT54LT1G

Product Attribute				
Part Number	BAT54LT1G	BAT54LPS-7	BAT54KFILM	BAT54L2-TP
Manufacturer	onsemi	Diodes Incorporated	STMicroelectronics	Micro Commercial Co
Current - Reverse Leakage @ Vr	2 µA @ 25 V	2 µA @ 25 V	1 µA @ 30 V	2 µA @ 25 V
Supplier Device Package	SOT-23-3 (TO-236)	X2-DFN1006-2	SOD-523	DFN1006-2L
Series	-	-	-	-
Base Product Number	BAT54	BAT54	BAT54	BAT54
Voltage - DC Reverse (Vr) (Max)	30 V	30 V	40 V	30 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	800 mV @ 100 mA	650 mV @ 100 mA	900 mV @ 100 mA	1 V @ 100 mA
Capacitance @ Vr, F	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz
Reverse Recovery Time (trr)	5 ns	5 ns	5 ns	5 ns
Package / Case	TO-236-3, SC-59, SOT-23-3	0402 (1006 Metric)	SC-79, SOD-523	0402 (1006 Metric)
Current - Average Rectified (Io)	200mA	200mA	300mA	200mA
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 125°C	-40°C ~ 150°C	125°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	Schottky	Schottky	Schottky	Schottky
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Fast Recovery =< 500ns, > 200mA (Io)	Small Signal =< 200mA (Io), Any Speed

BAT54LT1G Datasheet PDF

Download BAT54LT1G pdf datasheets and onsemi documentation for BAT54LT1G - onsemi.

Datasheets

[NSV,BAT54L Datasheet.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[SOT23 16/Sep/2016.pdf](#)



















[Copper Wire 08/Jun/2009.pdf](#)

PCN Assembly/Origin

[Mold Compound 02/Apr/2020.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE				 NO PICTURE	 NO PICTURE
BAT54LT1G/BAT54 NXP/FAIRCHILD/ON	BAT54JW-7-F Diodes Incorporated DIODE ARRAY SCHOTTKY 30V SOT363	BAT54LPS-7 Diodes Incorporated DIODE SCHOTTKY 30V 200MA 2DFN	BAT54KFILM STMicroelectronics DIODE SCHOTTKY 40V 300MA SOD523	BAT54RALT1G LRC	BAT54N3 HI-SINCERITY
			 NO PICTURE		
BAT54NFILM-H/J STMicroelectronics	BAT54NFILM STMicroelectronics	BAT54L2-TP Micro Commercial Co DIODE SCHOT 30V 200MA DFN1006-2L	BAT54RALT1 LRC	BAT54L Freescle / NXP Semiconductors	BAT54LP-7 Diodes Incorporated DIODE SCHOTTKY 30V 200MA 2DFN
		 NO PICTURE			
BAT54LT1 onsemi DIODE SCHOTTKY 30V DET/SW SOT23	BAT54L,315 NXP Semiconductors NEXPERIA BAT54L - RECTIFIER DIOD	BAT54PT CHENMKO	BAT54L,315 Nexperia USA Inc. DIODE SCHOTT 30V 200MA DFN1006-2	BAT54LP-7B Diodes Incorporated DIODE SCHOTTKY 30V 200MA 2DFN	BAT54M3T5G onsemi DIODE SCHOTTKY 30V 200MA SOT723

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.

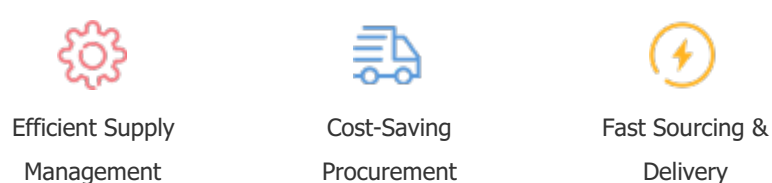
Contact us if you have any questions.

Payment Support

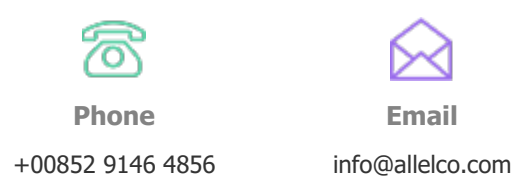
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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