

Image may be representation.
See specifications for product details.



BC847BPD XV6T1G

Manufacturer Part Number	BC847BPD XV6T1G
Manufacturer	onsemi
Allelco Part Number	32D-BC847BPD XV6T1G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS NPN/PNP 45V 0.1A SOT563
Package	SOT-563, SOT-666
Data sheet	BC847BPD XV6T(1, 5).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BC847BPD XV6T1G - onsemi.New Original in Stock. Download Linear Technology BC847BPD XV6T1G datasheet/specifications on AllelcoElec.com.
Request a quote for BC847BPD XV6T1G, please send us email: info@allelco.com

Specifications

BC847BPD XV6T1G Tech Specifications
BC847BPD XV6T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	45V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA	Mounting Type	Surface Mount
Transistor Type	NPN, PNP	Frequency - Transition	100MHz
Supplier Device Package	SOT-563	DC Current Gain (hFE) (Min) @ Ic, Vce	200 @ 2mA, 5V
Series	-	Current - Collector Cutoff (Max)	15nA (ICBO)
Power - Max	357mW	Current - Collector (Ic) (Max)	100mA
Package / Case	SOT-563, SOT-666	Base Product Number	BC847

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BC847BPD XV6T1G

Product Attribute				
Part Number	BC847BPD XV6T1G	BC847BPN,115	BC847BPN,115	BC847BPDW1T1G
Manufacturer	onsemi	NXP Semiconductors	Nexperia USA Inc.	onsemi
Operating Temperature	-55°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	BC847	BC847	BC847	BC847
Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA	300mV @ 5mA, 100mA	300mV @ 5mA, 100mA	600mV @ 5mA, 100mA
Power - Max	357mW	300mW	300mW	380mW
Current - Collector Cutoff (Max)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Frequency - Transition	100MHz	100MHz	100MHz	100MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Collector Emitter Breakdown (Max)	45V	45V	45V	45V
Current - Collector (Ic) (Max)	100mA	100mA	100mA	100mA
Transistor Type	NPN, PNP	NPN, PNP	NPN, PNP	NPN, PNP
Supplier Device Package	SOT-563	SOT-363	6-TSSOP	SC-88/SC70-6/SOT-363
Package / Case	SOT-563, SOT-666	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
DC Current Gain (hFE) (Min) @ Ic, Vce	200 @ 2mA, 5V	200 @ 2mA, 5V	200 @ 2mA, 5V	200 @ 2mA, 5V
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	-

BC847BPD XV6T1G Datasheet PDF

Download BC847BPD XV6T1G pdf datasheets and onsemi documentation for BC847BPD XV6T1G - onsemi.

Datasheets

[BC847BPD XV6T\(1, 5\).pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Mult Dev 24/Apr/2020.pdf](#)

PCN Packaging

[Carrier Tape 15/Aug/2017.pdf](#)

[Mult Devices 27/Oct/2017.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

 BC847BPN,115 NXP Semiconductors NOW NEXPERIA BC847BPN - SMALL SI	 BC847BM Yangjie Technology Transistors - Bipolar (BJT) - Si	 BC847BMB,315 NXP Semiconductors TRANS NPN 45V 0.1A DFN1006B-3	 BC847BPN,115 Nexperia USA Inc. TRANS NPN/PNP 45V 0.1A 6TSSOP	 BC847BPDW1T1 AMI Semiconductor/onsemi	 BC847BLT3G onsemi TRANS NPN 45V 0.1A SOT23-3
 BC847BPDW1T1G onsemi TRAN NPN/PNP 45V 0.1A SC88/SC70	 BC847BPN Nexperia	 BC847BM3T5G onsemi TRANS NPN 45V 0.1A SOT723	 BC847BPDV6T1 onsemi TRANS NPN/PNP 45V 0.1A SOT563	 BC847BPN115 Freescale / NXP Semiconductors	 BC847BMTF onsemi TRANS NPN 45V 0.1A SOT23-3
 BC847BQ-7-F Diodes Incorporated GENERAL PURPOSE TRANSISTOR SOT23	 BC847BPN,115 Philips NOW NEXPERIA BC847BPN - SMALL SI	 BC847BMB,315 Nexperia USA Inc. TRANS NPN 45V 0.1A DFN1006B-3	 BC847BPDW1T3G onsemi TRAN NPN/PNP 45V 0.1A SC88/SC70	 BC847BPN+125 Freescale / NXP Semiconductors	 BC847BPN.115 Freescale / NXP Semiconductors

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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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