



Image may be representation.
See specifications for product details.



SBC847CDXV6T1G

Manufacturer Part Number	SBC847CDXV6T1G
Manufacturer	onsemi
Allelco Part Number	32D-SBC847CDXV6T1G
ECAD Model	Request Free CAD Models
Parts Description	TRANS 2NPN 45V 0.1A SOT-563
Package	SOT-563, SOT-666
Data sheet	BC847CDXV6T(1, 5), BC84CDXV6T(1, 5).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SBC847CDXV6T1G - onsemi.New Original in Stock. Download Linear Technology SBC847CDXV6T1G datasheet/specifications on AllelcoElec.com.
Request a quote for SBC847CDXV6T1G, please send us email: info@allelco.com

Specifications

SBC847CDXV6T1G Tech Specifications
SBC847CDXV6T1G - 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	2 NPN (Dual)	Frequency - Transition	100MHz
Supplier Device Package	SOT-563	DC Current Gain (hFE) (Min) @ Ic, Vce	420 @ 2mA, 5V
Series	Automotive, AEC-Q101	Current - Collector Cutoff (Max)	15nA (ICBO)
Power - Max	500mW	Current - Collector (Ic) (Max)	100mA
Package / Case	SOT-563, SOT-666	Base Product Number	SBC847

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SBC847CDXV6T1G

Product Attribute				
Part Number	SBC847CDXV6T1G	SBC856BDW1T3G	SBC847BPDW1T3G	SBC847CDW1T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Collector Emitter Breakdown (Max)	45V	65V	45V	45V
Transistor Type	2 NPN (Dual)	2 PNP (Dual)	NPN, PNP	2 NPN (Dual)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Current - Collector Cutoff (Max)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)
Frequency - Transition	100MHz	100MHz	100MHz	100MHz
Current - Collector (Ic) (Max)	100mA	100mA	100mA	100mA
Power - Max	500mW	380mW	380mW	380mW
Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA	650mV @ 5mA, 100mA	600mV @ 5mA, 100mA / 650mV @ 5mA, 100mA	600mV @ 5mA, 100mA
Supplier Device Package	SOT-563	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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	420 @ 2mA, 5V	220 @ 2mA, 5V	200 @ 2mA, 5V	420 @ 2mA, 5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Base Product Number	SBC847	SBC856	SBC847	SBC847

SBC847CDXV6T1G Datasheet PDF

Download SBC847CDXV6T1G pdf datasheets and onsemi documentation for SBC847CDXV6T1G - onsemi.

Datasheets

[BC847CDXV6T\(1, 5\), BC84CDXV6T\(1, 5\).pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Mult Dev Assembly Chgs 3/Jul/2020.pdf](#)

PCN Design/Specification
















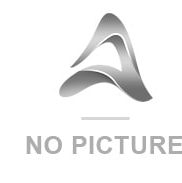


[Carrier Tape 22/Aug/2017.pdf](#)

PCN Packaging

[Carrier Tape 22/Aug/2017.pdf](#)

Customers Also Interested in

Recommended Products

					
SBC848BLT1G onsemi TRANS NPN 30V 0.1A SOT23-3	SBC856BLT1G onsemi TRANS PNP 65V 0.1A SOT23-3	SBC856BWT1G onsemi TRANS PNP 65V 0.1A SC70-3	SBC856ALT1G onsemi TRANS PNP 65V 0.1A SOT23-3	SBC847CWT1G onsemi TRANS NPN 45V 0.1A SC70-3	SBC856BDW1T3G onsemi TRANS 2PNP 65V 0.1A SC88/SC70-6
					
SBC847CLT1G onsemi TRANS NPN 45V 0.1A SOT23-3	SBC847BPDW1T3G onsemi TRAN NPN/PNP 45V 0.1A SC88/SC70	SBC847B LRC NO PICTURE	SBC856BLT3G onsemi TRANS PNP 65V 0.1A SOT23-3	SBC847CDW1T1G onsemi TRANS 2NPN 45V 0.1A SOT-363	SBC847BDW1T3G onsemi TRANS 2NPN 45V 0.1A SC88/SC70-6
					
SBC847BPDW1T1G onsemi TRANS NPN/PNP 45V 0.1A SOT-363	SBC847BPDV6T1G onsemi TRANS NPN/PNP 45V 0.1A SOT-363	SBC856BDW1T1G onsemi TRANS 2PNP 65V 0.1A SC88/SC70-6	SBC847BDW1T1G##QQ	SBC847BLT1G onsemi TRANS NPN 45V 0.1A SOT23-3	SBC847BDW1T1G onsemi TRANS 2NPN 45V 0.1A SOT363

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

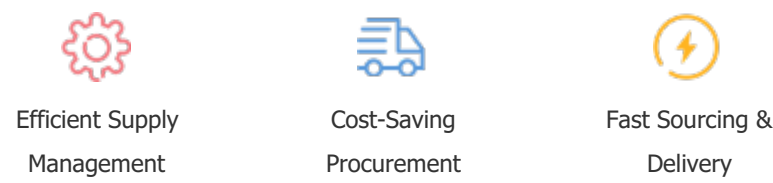
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

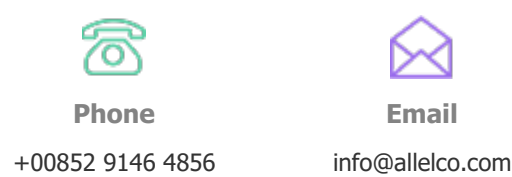
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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