



Image may be representation.
See specifications for product details.



BC850CLT1G

Manufacturer Part Number	BC850CLT1G
Manufacturer	onsemi
Allelco Part Number	32D-BC850CLT1G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS NPN 45V 0.1A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BC846ALT1G Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BC850CLT1G - onsemi.New Original in Stock. Download Linear Technology BC850CLT1G datasheet/specifications on AllelcoElec.com.
Request a quote for BC850CLT1G, please send us email: info@allelco.com

Specifications

BC850CLT1G Tech Specifications
BC850CLT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	45 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA	Mounting Type	Surface Mount
Transistor Type	NPN	Frequency - Transition	100MHz
Supplier Device Package	SOT-23-3 (TO-236)	DC Current Gain (hFE) (Min) @ Ic, Vce	420 @ 2mA, 5V
Series	-	Current - Collector Cutoff (Max)	15nA (ICBO)
Power - Max	225 mW	Current - Collector (Ic) (Max)	100 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	BC850

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BC850CLT1G

Product Attribute				
Part Number	BC850CLT1G	BC850C	BC850CE6327	BC850CW
Manufacturer	onsemi	Diotec Semiconductor	Infineon Technologies	Taiwan Semiconductor Corporation
Frequency - Transition	100MHz	300MHz	250MHz	100MHz
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	PG-SOT23	SOT-323
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)
Series	-	-	-	-
Voltage - Collector Emitter Breakdown (Max)	45 V	45 V	45 V	45 V
Current - Collector Cutoff (Max)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)	15nA (ICBO)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
DC Current Gain (hFE) (Min) @ Ic, Vce	420 @ 2mA, 5V	420 @ 2mA, 5V	420 @ 2mA, 5V	420 @ 2mA, 5V
Current - Collector (Ic) (Max)	100 mA	100 mA	100 mA	100 mA
Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA	600mV @ 5mA, 100mA	600mV @ 5mA, 100mA	600mV @ 5mA, 100mA
Power - Max	225 mW	250 mW	330 mW	200 mW
Base Product Number	BC850	-	-	BC850
Transistor Type	NPN	NPN	NPN	NPN
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	SC-70, SOT-323
Package	Tape & Reel (TR)	Strip	Bulk	Tape & Reel (TR)

BC850CLT1G Datasheet PDF

Download BC850CLT1G pdf datasheets and onsemi documentation for BC850CLT1G - onsemi.

Datasheets

[BC846ALT1G Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

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



















PCN Design/Specification

[Glue Mount Process 11/July/2008.pdf](#)

[Copper Wire Update 10/Sep/2015.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE				 NO PICTURE	
BC856-B GIM	BC856 E6359 Cypress Semiconductor (Infineon Technologies)	BC850C Diotec Semiconductor TRANS NPN 45V 0.1A SOT23-3	BC850CE6327 Infineon Technologies TRANS NPN 45V 0.1A SOT23	BC856-B-RTK/P KEC	BC850CW Taiwan Semiconductor Corporation SOT-323, 50V, 0.1A, NPN BIPOLAR
		 NO PICTURE			
BC850C+215 Freescale / NXP Semiconductors	BC850C215 Freescale / NXP Semiconductors	BC856-3B CJ	BC850CE6359 Cypress Semiconductor (Infineon Technologies)	BC850C Fairchild Semiconductor TRANS NPN 45V 0.1A SOT23-3	BC850C E6327 Cypress Semiconductor (Infineon Technologies)
					 NO PICTURE
BC850C+115 Freescale / NXP Semiconductors	BC856A Yangjie Technology SOT-23 PNP 0.2W -0.1A -80V Trans	BC850BW.115 Nexperia	BC856A Diotec Semiconductor TRANS PNP 65V 0.1A SOT23-3	BC850CLT1 onsemi TRANS NPN 45V 0.1A SOT23-3	BC856 3B 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

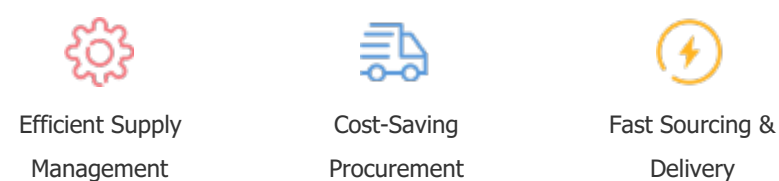
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

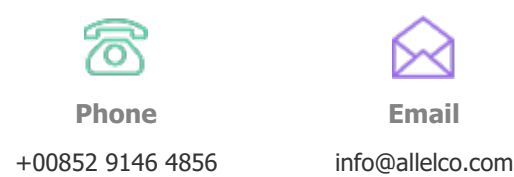
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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