



Image may be representation.
See specifications for product details.



BCW65CLT1G

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | BCW65CLT1G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-BCW65CLT1G |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | TRANS NPN 32V 0.8A SOT23-3 |
| Package | TO-236-3, SC-59, SOT-23-3 |
| Data sheet | BCW65(A,C)LT1.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

BCW65CLT1G - onsemi.New Original in Stock. Download Linear Technology BCW65CLT1G datasheet/specifications on AllelcoElec.com.
Request a quote for BCW65CLT1G, please send us email: info@allelco.com

Specifications

BCW65CLT1G Tech Specifications
BCW65CLT1G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|---|---------------------------|---------------------------------------|--------------------|
| Manufacturer | onsemi | Package | Tape & Reel (TR) |
| Voltage - Collector Emitter Breakdown (Max) | 32 V | Operating Temperature | -55°C ~ 150°C (TJ) |
| Vce Saturation (Max) @ Ib, Ic | 700mV @ 50mA, 500mA | 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 | 250 @ 100mA, 1V |
| Series | - | Current - Collector Cutoff (Max) | 20nA |
| Power - Max | 225 mW | Current - Collector (Ic) (Max) | 800 mA |
| Package / Case | TO-236-3, SC-59, SOT-23-3 | Base Product Number | BCW65 |

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BCW65CLT1G

| Product Attribute | | | | |
|---|---------------------------|-----------------------|---------------------------|---------------------------|
| Part Number | BCW65CLT1G | BCW65C | BCW65ALT1 | BCW66F |
| Manufacturer | onsemi | Infineon Technologies | onsemi | Diotec Semiconductor |
| Power - Max | 225 mW | - | 225 mW | 300 mW |
| 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 |
| Operating Temperature | -55°C ~ 150°C (TJ) | - | -55°C ~ 150°C (TJ) | -55°C ~ 150°C (TJ) |
| Base Product Number | BCW65 | - | BCW65 | - |
| Supplier Device Package | SOT-23-3 (TO-236) | - | SOT-23-3 (TO-236) | SOT-23-3 (TO-236) |
| Transistor Type | NPN | - | NPN | NPN |
| Package | Tape & Reel (TR) | Bulk | Tape & Reel (TR) | Tape & Reel (TR) |
| Current - Collector Cutoff (Max) | 20nA | - | 20nA | 20nA (ICBO) |
| Vce Saturation (Max) @ Ib, Ic | 700mV @ 50mA, 500mA | - | 700mV @ 50mA, 500mA | 700mV @ 50mA, 500mA |
| Current - Collector (Ic) (Max) | 800 mA | - | 800 mA | 600 mA |
| Voltage - Collector Emitter Breakdown (Max) | 32 V | - | 32 V | 45 V |
| DC Current Gain (hFE) (Min) @ Ic, Vce | 250 @ 100mA, 1V | - | 100 @ 100mA, 1V | 160 @ 100mA, 1V |
| Series | - | - | - | - |
| Frequency - Transition | 100MHz | - | 100MHz | 100MHz |
| Mounting Type | Surface Mount | - | Surface Mount | Surface Mount |

BCW65CLT1G Datasheet PDF

Download BCW65CLT1G pdf datasheets and onsemi documentation for BCW65CLT1G - onsemi.

Datasheets

[BCW65\(A,C\)LT1.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

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



















PCN Design/Specification

[Copper Wire 19/May/2010.pdf](#)

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

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|--|
|  BCW65C Infineon Technologies SMALL SIGNAL BIPOLAR TRANSISTOR |  BCW65ALT1 onsemi TRANS NPN 32V 0.8A SOT23-3 |  BCW66F Diotec Semiconductor TRANS NPN 45V 0.6A SOT23-3 |  BCW65CLT1 onsemi TRANS NPN 32V 0.8A SOT23-3 |  BCW66FTA ZETEX |  BCW66E6357 Cypress Semiconductor (Infineon Technologies) |
|  BCW66F E6327 Cypress Semiconductor (Infineon Technologies) |  BCW65CTA ZETEX |  BCW66G onsemi TRANS NPN 45V 1A SOT23-3 |  BCW66G Fairchild Semiconductor TRANS NPN 45V 1A SOT23-3 |  BCW61DTA Diodes Incorporated TRANS PNP 32V 0.2A SOT23-3 |  BCW61F XX |
|  BCW61FF Cypress Semiconductor (Infineon Technologies) |  BCW66G E6327 Cypress Semiconductor (Infineon Technologies) |  BCW65C E6327 Cypress Semiconductor (Infineon Technologies) |  BCW61FN Cypress Semiconductor (Infineon Technologies) |  BCW65ALT1G onsemi TRANS NPN 32V 0.8A SOT23-3 |  BCW65CLT1G Motorola BCW65 - SMALL SIGNAL BIPOLAR TRA |

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.

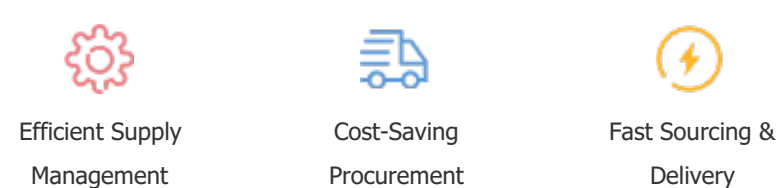
Payment Support

The payment method can be chosen from the methods shown below:

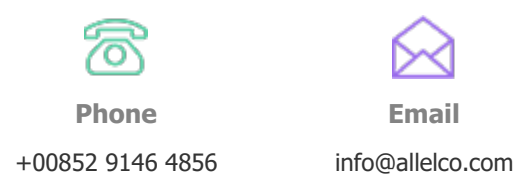
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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