

Image may be representation.
See specifications for product details.



BCP53T1G

Manufacturer Part Number	BCP53T1G
Manufacturer	onsemi
Allelco Part Number	32D-BCP53T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS PNP 80V 1.5A SOT223
Package	TO-261-4, TO-261AA
Data sheet	BCP53 Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BCP53T1G - onsemi.New Original in Stock. Download Linear Technology BCP53T1G datasheet/specifications on AllelcoElec.com.
Request a quote for BCP53T1G, please send us email: info@allelco.com

Specifications

BCP53T1G Tech Specifications

BCP53T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	80 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 500mA	Mounting Type	Surface Mount
Transistor Type	PNP	Frequency - Transition	50MHz
Supplier Device Package	SOT-223 (TO-261)	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 150mA, 2V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	1.5 W	Current - Collector (Ic) (Max)	1.5 A
Package / Case	TO-261-4, TO-261AA	Base Product Number	BCP53

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BCP53T1G

Product Attribute				
Part Number	BCP53T1G	BCP53QTA	BCP53TF	BCP5316TA
Manufacturer	onsemi	Diodes Incorporated	Nexperia USA Inc.	Diodes Incorporated
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)
Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA	500mV @ 50mA, 500mA
Current - Collector (Ic) (Max)	1.5 A	1 A	1 A	1 A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 150mA, 2V	40 @ 150mA, 2V	63 @ 150mA, 2V	100 @ 150mA, 2V
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	150°C (TJ)	-65°C ~ 150°C (TJ)
Power - Max	1.5 W	2 W	1.8 W	2 W
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Base Product Number	BCP53	BCP53	BCP53	BCP5316
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Collector Emitter Breakdown (Max)	80 V	80 V	80 V	80 V
Frequency - Transition	50MHz	150MHz	100MHz	150MHz
Transistor Type	PNP	PNP	PNP	PNP
Supplier Device Package	SOT-223 (TO-261)	SOT-223-3	SOT-223	SOT-223-3
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	-

BCP53T1G Datasheet PDF

Download BCP53T1G pdf datasheets and onsemi documentation for BCP53T1G - onsemi.

Datasheets

[BCP53 Series.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Packaging



















[Covering Tape/Material Chg 20/May/2016.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products

					
BCP53T1 AMI Semiconductor/onsemi	BCP53115 Freescale / NXP Semiconductors	BCP53QTA Diodes Incorporated PWR MID PERF TRANSISTOR SOT223 T	BCP53Q-B SEC	BCP53TF Nexperia USA Inc. BCP53T/SOT223/SC-73	BCP5316TA Diodes Incorporated TRANS PNP 80V 1A SOT223-3
					
BCP53TA Diodes Incorporated TRANS PNP 80V 1A SOT223-3	BCP54-16 100-250	BCP54-16 Nexperia	BCP54-16 2.5K/R	BCP53TX Nexperia USA Inc. TRANS PNP 80V 1A SOT223	BCP53TR Freescale / NXP Semiconductors
					
BCP53T Freescale / NXP Semiconductors	BCP53LT1 MOTOROLA	BCP5316H6327XTSA1 Infineon Technologies TRANS PNP 80V 1A SOT223-4	BCP5316QTA Diodes Incorporated PWR MID PERF TRANSISTOR SOT223 T	BCP5316TC Diodes Incorporated TRANSISTOR PNP MED PWR SOT223	BCP54-10 NEC

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

Contact us if you have any questions.

 Phone
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 Email
info@allelco.com

Certifications & Memberships



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