

Image may be representation.
See specifications for product details.



BSP52T1G

Manufacturer Part Number	BSP52T1G
Manufacturer	onsemi
Allelco Part Number	32D-BSP52T1G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS NPN DARL 80V 1A SOT223
Package	TO-261-4, TO-261AA
Data sheet	BSP52T1,T3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSP52T1G - onsemi.New Original in Stock. Download Linear Technology BSP52T1G datasheet/specifications on AllelcoElec.com.
Request a quote for BSP52T1G, please send us email: info@allelco.com

Specifications

BSP52T1G Tech Specifications
BSP52T1G - 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	1.3V @ 500µA, 500mA	Mounting Type	Surface Mount
Transistor Type	NPN - Darlington	Frequency - Transition	-
Supplier Device Package	SOT-223 (TO-261)	DC Current Gain (hFE) (Min) @ Ic, Vce	2000 @ 500mA, 10V
Series	-	Current - Collector Cutoff (Max)	10µA
Power - Max	800 mW	Current - Collector (Ic) (Max)	1 A
Package / Case	TO-261-4, TO-261AA	Base Product Number	BSP52

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BSP52T1G

Product Attribute				
Part Number	BSP52T1G	BSP52T3G	BSP52T1	BSP60E6327
Manufacturer	onsemi	onsemi	onsemi	Infineon Technologies
Current - Collector Cutoff (Max)	10µA	10µA	-	10µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)	Bulk
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Current - Collector (Ic) (Max)	1 A	1 A	-	1 A
Vce Saturation (Max) @ Ib, Ic	1.3V @ 500µA, 500mA	1.3V @ 500µA, 500mA	-	1.8V @ 1mA, 1A
Voltage - Collector Emitter Breakdown (Max)	80 V	80 V	-	45 V
Base Product Number	BSP52	BSP52	BSP52	-
Series	-	-	*	-
Frequency - Transition	-	-	-	200MHz
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-	150°C (TJ)
Supplier Device Package	SOT-223 (TO-261)	SOT-223 (TO-261)	-	PG-SOT223-4-21
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	-	TO-261-4, TO-261AA
Power - Max	800 mW	800 mW	-	1.5 W
DC Current Gain (hFE) (Min) @ Ic, Vce	2000 @ 500mA, 10V	2000 @ 500mA, 10V	-	2000 @ 500mA, 10V
Transistor Type	NPN - Darlington	NPN - Darlington	-	PNP - Darlington

BSP52T1G Datasheet PDF

Download BSP52T1G pdf datasheets and onsemi documentation for BSP52T1G - onsemi.

Datasheets

[BSP52T1,T3.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging

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















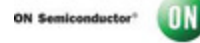



PCN Design/Specification

[Datasheet MSL Updated 2/April/2007.pdf](#)

[Wire Bond 01/Dec/2010.pdf](#)

Customers Also Interested in

Recommended Products

					
BSP550 Cypress Semiconductor (Infineon Technologies)	BSP52E6327 Cypress Semiconductor (Infineon Technologies)	BSP60 E6433 Cypress Semiconductor (Infineon Technologies)	BSP60 MOS Freescale / NXP Semiconductors	BSP51 H6327 Cypress Semiconductor (Infineon Technologies)	BSP603S2L Cypress Semiconductor (Infineon Technologies)
					
BSP52T3G onsemi TRANS NPN DARL 80V 1A SOT223	BSP51 MOS Fairchild (onsemi)	BSP52 MOS AMI Semiconductor/onsemi	BSP603S2L MOS Cypress Semiconductor (Infineon Technologies)	BSP60 E6327 Cypress Semiconductor (Infineon Technologies)	BSP52/DG/B2 Freescale / NXP Semiconductors
					
BSP51E6327 Cypress Semiconductor (Infineon Technologies)	BSP52T1 onsemi TRANS DARL NPN 1A 80V SOT223	BSP52T1G MOS AMI Semiconductor/onsemi	BSP60H6327 Cypress Semiconductor (Infineon Technologies)	BSP52 E6327 Cypress Semiconductor (Infineon Technologies)	BSP60E6327 Infineon Technologies TRANS PNP DARL 45V 1A SOT223-4

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

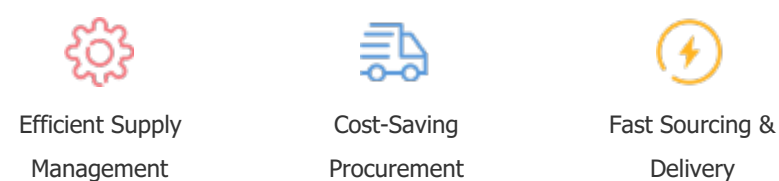
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

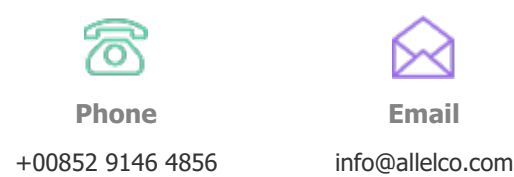
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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