

# **BC557CG**

### **BC557CG Information**

	Part Number	BC557CG	
Heisener.com	Manufacturer	ON Semiconductor	
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
	Description	TRANS PNP 45V 0.1A TO-92	
	Package	TO-226-3, TO-92-3 (TO-226AA)	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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#### **BC557CG Specifications**

Manufacturer Part NumberBC557CGManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nAPower - Max625mWPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-92-3 (TO-226AA)Supplier Device PackageTO-92-3		
Category   Discrete Semiconductor Products     Transistors - Bipolar (BJT) - Single     Package   TO-226-3, TO-92-3 (TO-226AA)     Series   -     Transistor Type   PNP     Current - Collector (Lc) (Max)   100mA     Voltage - Collector Emitter Breakdown (Max)   45V     Vcc Saturation (Max) @ Ib, Ic   650mV @ 5mA, 100mA     Current - Collector Cutoff (Max)   100nA     POP   420 @ 2mA, 5V     Power - Max   625mW     Frequency - Transition   320MHz     Operating Temperature   -55°C ~ 150°C (TJ)     Mounting Type   Through Hole     Package / Case   TO-226A, TO-92-3 (TO-226AA)	Manufacturer Part Number	BC557CG
Transistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Lo (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Manufacturer	ON Semiconductor
PackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Category	Discrete Semiconductor Products
Series-Transistor TypePNPCurrent - Collector (Lo (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTo-92-3	Package	TO-226-3, TO-92-3 (TO-226AA)
Current - Collector (Lo) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier DeckageTO-92-3	Series	-
Voltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Transistor Type	PNP
Yce Saturation (Max) @ Ib, Ic 650mV @ 5mA, 100mA   Current - Collector Cutoff (Max) 100nA   DC Current Gain (hFE) (Min) @ Ic, Vce 420 @ 2mA, 5V   Power - Max 625mW   Frequency - Transition 320MHz   Operating Temperature -55°C ~ 150°C (TJ)   Mounting Type Through Hole   Package / Case TO-226-3, TO-92-3 (TO-226AA)   Supplier Device Package TO-92-3	Current - Collector (Ic) (Max)	100mA
Current - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Voltage - Collector Emitter Breakdown (Max)	45V
DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Vce Saturation (Max) @ Ib, Ic	650mV @ 5mA, 100mA
Power - Max625mWFrequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Current - Collector Cutoff (Max)	100nA
Frequency - Transition320MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	DC Current Gain (hFE) (Min) @ Ic, Vce	420 @ 2mA, 5V
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Power - Max	625mW
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Frequency - Transition	320MHz
Package / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
L L L L L L L L L L L L L L L L L L L		Report errors?

#### **BC557CG Guarantees**



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

## Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about BC557CG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com