

BC557C

BC557C Information



| Part Number | BC557C | |
|--------------|--|--|
| 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 us Website: https://www.heisener.com E-mail: salesdept@heisener.com | |



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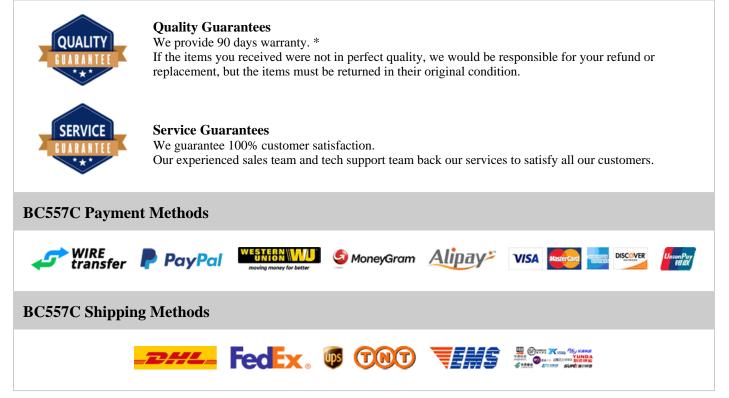
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



BC557C Specifications

| Manufacturer Part NumberBC557CManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-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 | | |
|---|---|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc 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-226A, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Manufacturer Part Number | BC557C |
| Transistors - Bipolar (BJT) - SinglePackageTO-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-92-3 (TO-926AA)Supplier Device PackageTO-92-3 | Manufacturer | ON Semiconductor |
| Package TO-226-3, TO-92-3 (TO-226AA) Series - Transistor Type PNP Current - Collector (Ic) (Max) 100mA Voltage - Collector Emitter Breakdown (Max) 45V Vce 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 | Category | Discrete Semiconductor Products |
| Series-Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc 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-2263, 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 Device PackageTO-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 |
| Yee 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 |
| | | Report errors? |

BC557C Guarantees



If you have any question about BC557C, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com