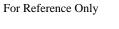


BC640

BC640 Information



| Part Number | BC640 | |
|--------------|--|--|
| Manufacturer | Fairchild/ON Semiconductor | |
| Category | Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single | |
| Description | TRANS PNP 80V 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 | |



Certified Quality

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.

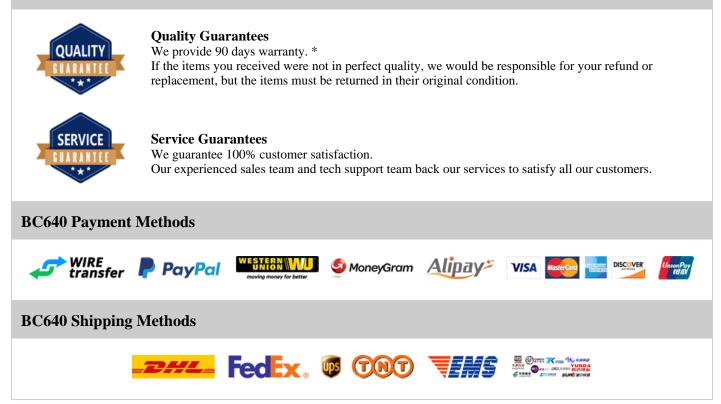


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BC640 Specifications

| Manufacturer Part NumberBC640ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransitors - Bipolar (BJT) - SinglePackageTo-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (L) (Max)1AVoltage - Collector Emitter Breakdown (Max)80VVec Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - MaxINWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTo-226.3, TO-92.5 (TO-226AA)Supplier Device ReakageTo-92.5 (TO-92.6 AC) | | |
|--|---|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - MaxIWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226A, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Manufacturer Part Number | BC640 |
| Transistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Lc) (Max)IAVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - MaxIWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Manufacturer | Fairchild/ON Semiconductor |
| Package TO-226-3, TO-92-3 (TO-226AA) Series - Transistor Type PNP Current - Collector (Lo (Max) 1A Voltage - Collector Emitter Breakdown (Max) 80V Vce Saturation (Max) @ Ib, Ic 500mV @ 50mA, 500mA Current - Collector Cutoff (Max) 100nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 40 @ 150mA, 2V Power - Max 1W Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) | Category | Discrete Semiconductor Products |
| Series-Transistor TypePNPCurrent - Collector (Lo (Max)IAVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max100MHzFrequency - Transition100MHzOperating Temperature50°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-226AA)Supplier Device PackageTO-92-3 | | Transistors - Bipolar (BJT) - Single |
| Transistor TypePNPCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - MaxIWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-226AA)Supplier Device PackageTO-92-3 | Package | TO-226-3, TO-92-3 (TO-226AA) |
| Current - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max1WFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Series | - |
| Voltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max1WFrequency - Transition100MHzOperating Temperature150°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, Ic500mV @ 50mA, 500mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max1WFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Current - Collector (Ic) (Max) | 1A |
| Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max1WFrequency - Transition100MHzOperating Temperature100MHzMounting Type150°C (TJ)Package / CaseThrough HoleSupplier Device PackageTO-92-3 (TO-92-3 (TO-226AA) | Voltage - Collector Emitter Breakdown (Max) | 80V |
| DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 150mA, 2VPower - Max1WFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Vce Saturation (Max) @ Ib, Ic | 500mV @ 50mA, 500mA |
| Power - MaxIWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Current - Collector Cutoff (Max) | 100nA (ICBO) |
| Frequency - Transition100MHzOperating Temperature150°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 | 40 @ 150mA, 2V |
| Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Power - Max | 1W |
| Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Frequency - Transition | 100MHz |
| Package / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3 | Operating Temperature | 150°C (TJ) |
| Supplier Device Package TO-92-3 | Mounting Type | Through Hole |
| | Package / Case | TO-226-3, TO-92-3 (TO-226AA) |
| Papert arrors | Supplier Device Package | TO-92-3 |
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BC640 Guarantees



If you have any question about BC640, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com