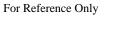


BC640

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.

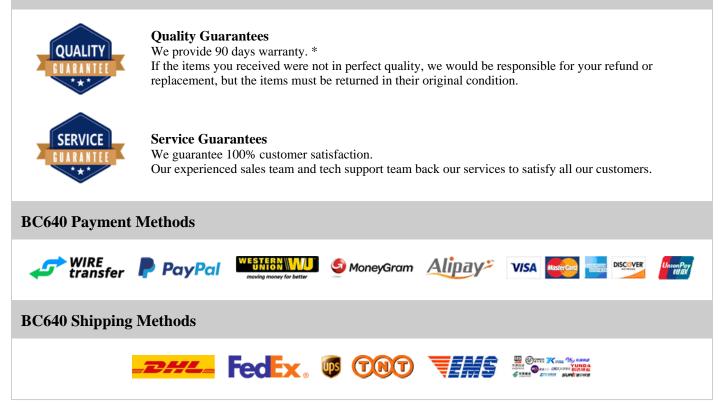


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BC640 Specifications

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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