

# BC182A

### **BC182A Information**



Part Number	BC182A	
Manufacturer	ON Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 50V 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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# **Certified Quality**

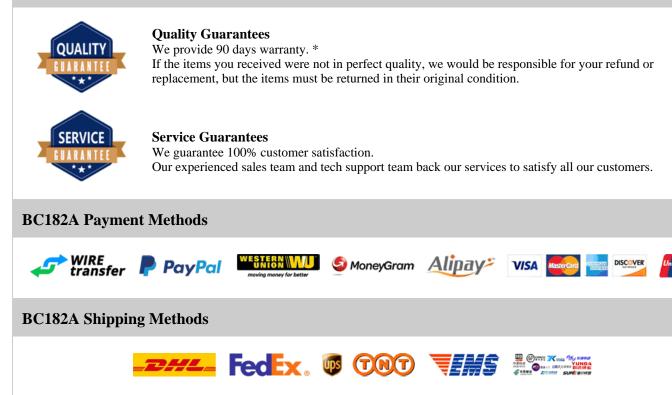
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **BC182A Specifications**

Manufacturer Part NumberBC182AManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (L) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVcc Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Ctoff (Max)15nA (ICBO)DC current Gain (hFE) (Min) @ Lc, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-92.3 (TO-226AA)Supplier Device PackageTO-226.3, TO-92.3 (TO-226AA)		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVcc Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-92.3 (TO-226AA)Supplier Device PackageTO-92.3	Manufacturer Part Number	BC182A
Transistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226A, TO-226AA)Supplier Device PackageTO-92-3	Manufacturer	ON Semiconductor
PackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-92-3, TO-92-3, TO-92-6, AA)Supplier Device PackageTO-92-3	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Lo) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating 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 TypeNPNCurrent - Collector (Lo (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVcc Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating 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 (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating 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)50VVce Saturation (Max) @ lb, Ic600mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Transistor Type	NPN
Yce Saturation (Max) @ Ib, Ic   600mV @ 5mA, 100mA     Current - Collector Cutoff (Max)   15nA (ICBO)     DC Current Gain (hFE) (Min) @ Ic, Vce   120 @ 2mA, 5V     Power - Max   350mW     Frequency - Transition   200MHz     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)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 2mA, 5VPower - Max350mWFrequency - Transition200MHzOperating 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)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 2mA, 5V   Power - Max 350mW   Frequency - Transition 200MHz   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	Vce Saturation (Max) @ Ib, Ic	600mV @ 5mA, 100mA
Power - Max350mWFrequency - Transition200MHzOperating 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)	15nA (ICBO)
Frequency - Transition200MHzOperating 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	120 @ 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	350mW
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Frequency - Transition	200MHz
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?

#### **BC182A Guarantees**



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