

# 2N3904NLBU

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#### 2N3904NLBU Information

www.hetegner.com	Part Number	2N3904NLBU
	Manufacturer	Fairchild/ON Semiconductor
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS NPN 40V 0.2A TO-92
	Package	TO-226-3, TO-92-3 (TO-226AA)
		For the pricing/inventory/lead time, please contact
For Reference Only		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.



#### **2N3904NLBU** Specifications

Manufacturer Part Number2N3904NLBUManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-Power - Max625mWPrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-92-3 (TO-92-6AA)		
CategoryDiscrete Semiconductor ProductsCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226A, TO-92-3 (TO-226AA)	Manufacturer Part Number	2N3904NLBU
InterfactTransitors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Manufacturer	Fairchild/ON Semiconductor
PackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Package	TO-226-3, TO-92-3 (TO-226AA)
Current - Collector (Ic) (Max) 200mA   Voltage - Collector Emitter Breakdown (Max) 40V   Vcc Saturation (Max) @ Ib, Ic 300mV @ 5mA, 50mA   Current - Collector Cutoff (Max) -   DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 10mA, 1V   Power - Max 625mW   Frequency - Transition 300MHz   Operating Temperature -55°C ~ 150°C (TJ)   Mounting Type Through Hole   Package / Case TO-226-3, TO-92-3 (TO-226AA)	Series	-
Voltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Transistor Type	NPN
Vce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mACurrent - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Current - Collector (Ic) (Max)	200mA
Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Voltage - Collector Emitter Breakdown (Max)	40V
DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Vce Saturation (Max) @ Ib, Ic	300mV @ 5mA, 50mA
Power - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Current - Collector Cutoff (Max)	-
Frequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 10mA, 1V
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Power - Max	625mW
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)	Frequency - Transition	300MHz
Package / Case TO-226-3, TO-92-3 (TO-226AA)	Operating Temperature	-55°C ~ 150°C (TJ)
-	Mounting Type	Through Hole
Supplier Device Package TO-92-3	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
	Supplier Device Package	TO-92-3
Report e		Report errors?

#### 2N3904NLBU 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.

## 2N3904NLBU Payment Methods





If you have any question about 2N3904NLBU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com