

# 2N5194G

#### **2N5194G Information**



Part Number	2N5194G	
Manufacturer	ON Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS PNP 60V 4A TO225AA	
Package	TO-225AA, TO-126-3	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

## **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.



### **2N5194G Specifications**

Manufacturer Part Number2N5194GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-225AA, TO-126-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVcc Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)1.4V @ 1.5, 2VPower - Max40WFrequency - Transition2NHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA, TO-126-3		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-225AA, TO-126-3Series-Transistor TypePNPCurrent - Collector (Lc) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVcc Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)1mADC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Manufacturer Part Number	2N5194G
Transistors - Bipolar (BJT) - SinglePackageTO-225AA, TO-126-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)52 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65° C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Manufacturer	ON Semiconductor
PackageTO-225AA, TO-126-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)1mADC Current Gain (hFE) (Min @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Category	Discrete Semiconductor Products
Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)1mADC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)1mADC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Package	TO-225AA, TO-126-3
Current - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)ImACurrent - Collector Cutoff (Max)25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Series	-
Voltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic1.4V @ 1A, 4ACurrent - Collector Cutoff (Max)ImADC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Transistor Type	PNP
Yce Saturation (Max) @ Ib, Ic 1.4V @ 1A, 4A   Current - Collector Cutoff (Max) 1mA   DC Current Gain (hFE) (Min) @ Ic, Vce 25 @ 1.5A, 2V   Power - Max 40W   Frequency - Transition 2MHz   Operating Temperature -65°C ~ 150°C (TJ)   Mounting Type Through Hole   Package / Case TO-225AA, TO-126-3   Supplier Device Package TO-225AA	Current - Collector (Ic) (Max)	4A
Current - Collector Cutoff (Max)ImADC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Voltage - Collector Emitter Breakdown (Max)	60V
DC Current Gain (hFE) (Min) @ Ic, Vce25 @ 1.5A, 2VPower - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Vce Saturation (Max) @ Ib, Ic	1.4V @ 1A, 4A
Power - Max40WFrequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Current - Collector Cutoff (Max)	1mA
Frequency - Transition2MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	DC Current Gain (hFE) (Min) @ Ic, Vce	25 @ 1.5A, 2V
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Power - Max	40W
Mounting TypeThrough HolePackage / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Frequency - Transition	2MHz
Package / CaseTO-225AA, TO-126-3Supplier Device PackageTO-225AA	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package TO-225AA	Mounting Type	Through Hole
	Package / Case	TO-225AA, TO-126-3
Report errors?	Supplier Device Package	TO-225AA
		Report errors?

#### **2N5194G 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about 2N5194G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com