

NSV1C301ET4G-VF01

NSV1C301ET4G-VF01 Information

Part Number	NSV1C301ET4G-VF01
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Description	TRANS NPN 100V 3A 3DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
	For the pricing/inventory/lead time, please contact us
	Website: https://www.heisener.com E-mail: salesdept@heisener.com
	Manufacturer Category Description



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NSV1C301ET4G-VF01 Specifications

Manufacturer Part Number NSV1C301ET4G-VF01 Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single Transistors - Bipolar (BJT) - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Transistor Type NPN Current - Collector (Ic) (Max) 3A Voltage - Collector Emitter Breakdown (Max) 100V Vce Saturation (Max) @ Ib, Ic 250mV @ 300mA, 3A Current - Collector Cutoff (Max) 100nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 1A, 2V Power - Max 2.1W Frequency - Transition 120MHz Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)3AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Manufacturer Part Number	NSV1C301ET4G-VF01
Transitors - Bipolar (BJT) - SinglePackageTo-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Manufacturer	ON Semiconductor
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Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)100VVcc Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Lo) (Max)3AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Series	-
Voltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Transistor Type	NPN
Vce Saturation (Max) @ Ib, Ic250mV @ 300mA, 3ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Current - Collector (Ic) (Max)	3A
Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Voltage - Collector Emitter Breakdown (Max)	100V
DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 1A, 2VPower - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Vce Saturation (Max) @ Ib, Ic	250mV @ 300mA, 3A
Power - Max2.1WFrequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Current - Collector Cutoff (Max)	100nA (ICBO)
Frequency - Transition120MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	DC Current Gain (hFE) (Min) @ Ic, Vce	120 @ 1A, 2V
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Power - Max	2.1W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Frequency - Transition	120MHz
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DPAK	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	DPAK
		Report errors?

NSV1C301ET4G-VF01 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.

NSV1C301ET4G-VF01 Payment Methods



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