



NGD8201NT4G Information



For Reference Only

Part Number NGD8201NT4G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 440V 20A 125W DPAK

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



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NGD8201NT4G Specifications

Manufacturer Part Number NGD8201NT4G Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - IGBTs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 440V Current - Collector (Ic) (Max) 20A Current - Collector Pulsed (Icm) 50A Vce(on) (Max) @ Vge, Ic 1.9V @ 4.5V, 20A Power - Max 125W Switching Energy - Input Type Logic Gate Charge - Td (on/off) @ 25°C -/5μs Test Condition 300V, 9A, 1 kOhm, 5V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Davisor Reviews TPAK 3		
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Power - Max125WSwitching Energy-Input TypeLogicGate Charge-Td (on/off) @ 25°C-/5μsTest Condition300V, 9A, 1 kOhm, 5VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Current - Collector Pulsed (Icm)	50A
Switching Energy - Logic Gate Charge	Vce(on) (Max) @ Vge, Ic	1.9V @ 4.5V, 20A
Input Type Logic Gate Charge - Td (on/off) @ 25°C Test Condition 300V, 9A, 1 kOhm, 5V Reverse Recovery Time (trr) Operating Temperature -55°C ~ 175°C (ΤJ) Mounting Type Surface Mount Package / Case Logic Logic Logic To-252-3, DPak (2 Leads + Tab), SC-63	Power - Max	125W
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Switching Energy	-
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Test Condition 300V, 9A, 1 kOhm, 5V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge	-
Reverse Recovery Time (trr) Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Td (on/off) @ 25°C	-/5µs
Operating Temperature $-55^{\circ}\text{C} \sim 175^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Test Condition	300V, 9A, 1 kOhm, 5V
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Reverse Recovery Time (trr)	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 175°C (TJ)
-	Mounting Type	Surface Mount
Supplier Davice Package	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplied Device Fackage DFAK-5	Supplier Device Package	DPAK-3
Report errors?		Report errors?

NGD8201NT4G 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.

NGD8201NT4G Payment Methods



















NGD8201NT4G Shipping Methods













If you have any question about NGD8201NT4G, please do not hesitate to contact us!

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