



NGB8202ANTF4G Information



For Reference Only

Part Number NGB8202ANTF4G
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 440V 20A 150W D2PAK

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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NGB8202ANTF4G Specifications

Manufacturer Part Number NGB8202ANTF4G Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Fansistors - IGBTs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 440V Current - Collector (lc) (Max) 20A Current - Collector Pulsed (Icm) 50A Vec(on) (Max) @ Vge, Ic 1.9V @ 4.5V, 20A Power - Max 150W Switching Energy Logic Gate Charge - Gate Charge - Id (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 Device Package D2PAK-3		
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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 150W 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 Device Package D2PAK-3		Transistors - IGBTs - Single
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Current - Collector (Ic) (Max) 20A Current - Collector Pulsed (Icm) 50A Vce(on) (Max) @ Vge, Ic 1.9V @ 4.5V, 20A Power - Max 150W 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 Device Package D2PAK-3	IGBT Type	-
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Vce(on) (Max) @ Vge, Ic 1.9V @ 4.5V, 20A Power - Max 150W 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 Device Package D2PAK-3	Current - Collector (Ic) (Max)	20A
Power - Max150WSwitching 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-63Supplier Device PackageD2PAK-3	Current - Collector Pulsed (Icm)	50A
Switching Energy - Logic Gate Charge	Vce(on) (Max) @ Vge, Ic	1.9V @ 4.5V, 20A
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-63Supplier Device PackageD2PAK-3	Power - Max	150W
Gate Charge - (75μs) Test Condition 300V, 9A, 1 kOhm, 5V Reverse Recovery Time (trr) - (TJ) Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D2PAK-3	Switching Energy	-
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 Device Package D2PAK-3	Input Type	Logic
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 Device Package D2PAK-3	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 Supplier Device Package D2PAK-3	Td (on/off) @ 25°C	-/5μs
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D2PAK-3	Test Condition	300V, 9A, 1 kOhm, 5V
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D2PAK-3	Reverse Recovery Time (trr)	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D2PAK-3	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package D2PAK-3	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	D2PAK-3
		Report errors?

NGB8202ANTF4G 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.

NGB8202ANTF4G Payment Methods



















NGB8202ANTF4G Shipping Methods













If you have any question about NGB8202ANTF4G, please do not hesitate to contact us!

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