

NGD18N45CLBT4G Information


For Reference Only

Part Number [NGD18N45CLBT4G](#)
Manufacturer Littelfuse Inc.
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 450V 18A 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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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.


NGD18N45CLBT4G Specifications

Manufacturer Part Number	NGD18N45CLBT4G
Manufacturer	Littelfuse Inc.
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)	500V
Current - Collector (Ic) (Max)	18A
Current - Collector Pulsed (Icm)	50A
Vce(on) (Max) @ Vge, Ic	2.3V @ 4.5V, 7A
Power - Max	115W
Switching Energy	-
Input Type	Logic
Gate Charge	-
Td (on/off) @ 25°C	420ns/2.9µs
Test Condition	300V, 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	DPAK

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NGD18N45CLBT4G 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.

NGD18N45CLBT4G Payment Methods



NGD18N45CLBT4G Shipping Methods



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