

STGD19N40LZ Information


For Reference Only

Part Number [STGD19N40LZ](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 20V 40A 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


[Request a Quote](#)
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.


STGD19N40LZ Specifications

Manufacturer Part Number	STGD19N40LZ
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	Automotive, AEC-Q101
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	390V
Current - Collector (Ic) (Max)	25A
Current - Collector Pulsed (Icm)	40A
Vce(on) (Max) @ Vge, Ic	1.5V @ 4.5V, 10A
Power - Max	125W
Switching Energy	-
Input Type	Logic
Gate Charge	17nC
Td (on/off) @ 25°C	650ns/13.5µs
Test Condition	300V, 10A, 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
Report errors?	

STGD19N40LZ 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.

STGD19N40LZ Payment Methods



STGD19N40LZ Shipping Methods



If you have any question about STGD19N40LZ, please do not hesitate to contact us!

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