

STGD18N40LZ-1 Information


For Reference Only

Part Number [STGD18N40LZ-1](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 420V 25A 125W IPAK
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


STGD18N40LZ-1 Specifications

Manufacturer Part Number	STGD18N40LZ-1
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	420V
Current - Collector (Ic) (Max)	25A
Current - Collector Pulsed (Icm)	40A
Vce(on) (Max) @ Vge, Ic	1.7V @ 4.5V, 10A
Power - Max	125W
Switching Energy	-
Input Type	Logic
Gate Charge	29nC
Td (on/off) @ 25°C	650ns/13.5µs
Test Condition	300V, 10A, 5V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	I-Pak

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STGD18N40LZ-1 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.

STGD18N40LZ-1 Payment Methods



STGD18N40LZ-1 Shipping Methods



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