

STGB10NB37LZ Information


For Reference Only

Part Number [STGB10NB37LZ](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 440V 20A 125W D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.


STGB10NB37LZ Specifications

Manufacturer Part Number	STGB10NB37LZ
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	440V
Current - Collector (Ic) (Max)	20A
Current - Collector Pulsed (Icm)	40A
Vce(on) (Max) @ Vge, Ic	1.8V @ 4.5V, 10A
Power - Max	125W
Switching Energy	2.4mJ (on), 5mJ (off)
Input Type	Standard
Gate Charge	28nC
Td (on/off) @ 25°C	1.3µs/8µs
Test Condition	328V, 10A, 1 kOhm, 5V
Reverse Recovery Time (trr)	-
Operating Temperature	-65°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK

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STGB10NB37LZ 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.

STGB10NB37LZ Payment Methods



STGB10NB37LZ Shipping Methods



If you have any question about STGB10NB37LZ, please do not hesitate to contact us!

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