




 life.augmented	<b>STGB10NB37LZ</b>
	<b>Manufacturer Part Number:</b> STGB10NB37LZ
 	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> IGBT 440V 20A 125W D2PAK
	<b>Datasheets:</b>  <a href="#">STGB10NB37LZ.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 205 pcs Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STGB10NB37LZ
Manufacturer	STMicroelectronics
Description	IGBT 440V 20A 125W D2PAK
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	205 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	440V
Vce(on) (Max) @ Vge, Ic	1.8V @ 4.5V, 10A
Test Condition	328V, 10A, 1 kOhm, 5V
Td (on/off) @ 25°C	1.3µs/8µs
Switching Energy	2.4mJ (on), 5mJ (off)
Supplier Device Package	D2PAK
Series	PowerMESH™
Power - Max	125W
Packaging	Tube
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-65°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Type	Standard
IGBT Type	-
Gate Charge	28nC
Current - Collector Pulsed (Icm)	40A
Current - Collector (Ic) (Max)	20A

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