

STGB10NB37LZ




STMicroelectronics

IGBT 440V 20A 125W D2PAK

Lead free / RoHS Compliant

Discrete Semiconductor Products

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Images are for reference only.

See Product Specifications for product details.

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4

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Specifications

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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STGB10NB40LZT4

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STGB10NB37LZT4G

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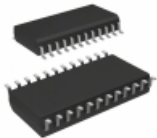
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IGBT 440V 20A 125W D2PAK

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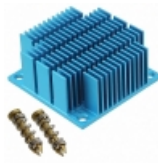
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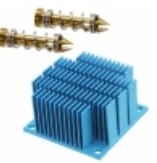


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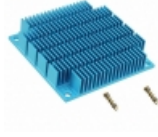


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