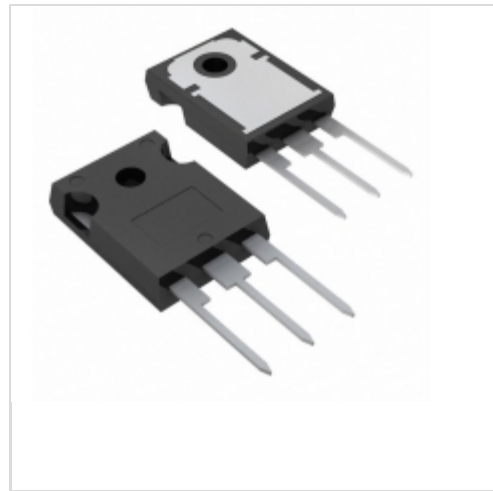


STGW40S120DF3



STMicroelectronics
 IGBT 1200V 40A TO247
 Lead free / RoHS Compliant
 Discrete Semiconductor Products

[STGW40S120DF3.pdf](#)

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In Stock
580 pcs
 Minimum:1
 Multiples:100
 Manufacturer lead time 10 weeks

PRICE	
1 pcs	\$11.75
10 pcs	\$10.61
100 pcs	\$8.784
500 pcs	\$7.649
1000 pcs	\$6.662

Images are for reference only.
 See Product Specifications for product details.
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Shopping Process

1

Confirm the product

2

submit the order

3

payment

4

wait for delivery

5

receive the goods

Specifications

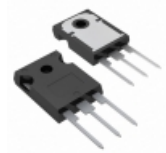
Voltage - Collector Emitter Breakdown (Max):	1200V
Vce(on) (Max) @ Vge, Ic:	2.15V @ 15V, 40A
Test Condition:	600V, 40A, 15 Ohm, 15V
Td (on/off) @ 25°C:	35ns/148ns
Switching Energy:	1.43mJ (on), 3.83mJ (off)
Supplier Device Package:	TO-247-3
Series:	-
Reverse Recovery Time (trr):	355ns
Power - Max:	468W
Packaging:	Tube
Package / Case:	TO-247-3
Operating Temperature:	-55°C ~ 175°C (TJ)
Mounting Type:	Through Hole
Input Type:	Standard
IGBT Type:	Trench Field Stop
Gate Charge:	129nC
Current - Collector Pulsed (Icm):	160A
Current - Collector (Ic) (Max):	80A

Related products



STGW40NC60W
 IGBT 600V 70A 250W TO247
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RFQ



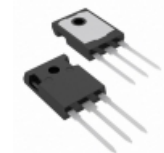
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Guess You May Looking For



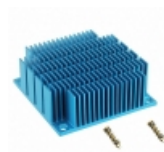
ATS-12A-158-C2-R0
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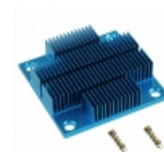
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 HEATSINK 40X40X30MM R-TAB T412
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 HEATSINK 40X40X9.5MM XCUT T766
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 HEATSINK 45X45X20MM R-TAB T766
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ATS-12G-162-C2-R0
 HEATSINK 45X45X25MM L-TAB T766
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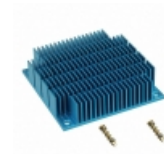
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