

STGW80V60DF Information


For Reference Only

Part Number [STGW80V60DF](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 120A 469W TO247
Package TO-247-3 Exposed Pad
 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.


STGW80V60DF Specifications

Manufacturer Part Number	STGW80V60DF
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3 Exposed Pad
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	120A
Current - Collector Pulsed (Icm)	240A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 80A
Power - Max	469W
Switching Energy	1.8mJ (on), 1mJ (off)
Input Type	Standard
Gate Charge	448nC
Td (on/off) @ 25°C	60ns/220ns
Test Condition	400V, 80A, 5 Ohm, 15V
Reverse Recovery Time (trr)	60ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3 Exposed Pad
Supplier Device Package	TO-247

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STGW80V60DF 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.

STGW80V60DF Payment Methods



STGW80V60DF Shipping Methods



If you have any question about STGW80V60DF, please do not hesitate to contact us!

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