

STGWA50M65DF2 Information


For Reference Only

Part Number [STGWA50M65DF2](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description TRENCH GATE FIELD-STOP IGBT M SE
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


STGWA50M65DF2 Specifications

Manufacturer Part Number	STGWA50M65DF2
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	M
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 50A
Power - Max	375W
Switching Energy	880µJ (on), 1.57mJ (off)
Input Type	Standard
Gate Charge	150nC
Td (on/off) @ 25°C	42ns/130ns
Test Condition	400V, 50A, 6.8 Ohm, 15V
Reverse Recovery Time (trr)	162ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247 Long Leads

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STGWA50M65DF2 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.

STGWA50M65DF2 Payment Methods



STGWA50M65DF2 Shipping Methods



If you have any question about STGWA50M65DF2, please do not hesitate to contact us!

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