

**STGP4M65DF2 Information**


For Reference Only

**Part Number** [STGP4M65DF2](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT M SERIES 650V 4A LOW LOSS  
**Package** TO-220-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STGP4M65DF2 Specifications**

Manufacturer Part Number	<a href="#">STGP4M65DF2</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-220-3
Series	M
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	8A
Current - Collector Pulsed (Icm)	16A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 4A
Power - Max	68W
Switching Energy	40µJ (on), 136µJ (off)
Input Type	Standard
Gate Charge	15.2nC
Td (on/off) @ 25°C	12ns/86ns
Test Condition	400V, 4A, 47 Ohm, 15V
Reverse Recovery Time (trr)	133ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

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## STGP4M65DF2 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.

## STGP4M65DF2 Payment Methods



## STGP4M65DF2 Shipping Methods



If you have any question about STGP4M65DF2, please do not hesitate to contact us!

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