

**STGW80H65DFB-4 Information**


For Reference Only

**Part Number** [STGW80H65DFB-4](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT BIPO 650V 80A TO247  
**Package** TO-247-4  
 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.


**STGW80H65DFB-4 Specifications**

Manufacturer Part Number	<a href="#">STGW80H65DFB-4</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-247-4
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	120A
Current - Collector Pulsed (Icm)	240A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 80A
Power - Max	469W
Switching Energy	2.1mJ (on), 1.5mJ (off)
Input Type	Standard
Gate Charge	414nC
Td (on/off) @ 25°C	84ns/280ns
Test Condition	400V, 80A, 10 Ohm, 15V
Reverse Recovery Time (trr)	85ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-4
Supplier Device Package	TO-247-4L

[Report errors?](#)

## STGW80H65DFB-4 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.

## STGW80H65DFB-4 Payment Methods



## STGW80H65DFB-4 Shipping Methods



If you have any question about STGW80H65DFB-4, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)