

STGY80H65DFB Information


For Reference Only

Part Number [STGY80H65DFB](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 120A 469W MAX247
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.


STGY80H65DFB Specifications

Manufacturer Part Number	STGY80H65DFB
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
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-247-3
Supplier Device Package	MAX247?

[Report errors?](#)

STGY80H65DFB 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.

STGY80H65DFB Payment Methods



STGY80H65DFB Shipping Methods



If you have any question about STGY80H65DFB, please do not hesitate to contact us!

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