

FGH50N3 Information


For Reference Only

Part Number [FGH50N3](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 300V 75A 463W TO247
Package TO-247-3
 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.


FGH50N3 Specifications

Manufacturer Part Number	FGH50N3
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	300V
Current - Collector (Ic) (Max)	75A
Current - Collector Pulsed (Icm)	240A
Vce(on) (Max) @ Vge, Ic	1.4V @ 15V, 30A
Power - Max	463W
Switching Energy	130μJ (on), 92μJ (off)
Input Type	Standard
Gate Charge	180nC
Td (on/off) @ 25°C	20ns/135ns
Test Condition	180V, 30A, 5 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

[Report errors?](#)

FGH50N3 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.

FGH50N3 Payment Methods



FGH50N3 Shipping Methods



If you have any question about FGH50N3, please do not hesitate to contact us!

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