

FGH60N60SMD Information


For Reference Only

Part Number [FGH60N60SMD](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 120A 600W 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.


FGH60N60SMD Specifications

Manufacturer Part Number	FGH60N60SMD
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	120A
Current - Collector Pulsed (Icm)	180A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 60A
Power - Max	600W
Switching Energy	1.26mJ (on), 450µJ (off)
Input Type	Standard
Gate Charge	189nC
Td (on/off) @ 25°C	18ns/104ns
Test Condition	400V, 60A, 3 Ohm, 15V
Reverse Recovery Time (trr)	39ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

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FGH60N60SMD 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.

FGH60N60SMD Payment Methods



FGH60N60SMD Shipping Methods



If you have any question about FGH60N60SMD, please do not hesitate to contact us!

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