

FGH80N60FDTU Information


For Reference Only

Part Number FGH80N60FDTU
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 80A 290W TO247
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.


FGH80N60FDTU Specifications

Manufacturer Part Number	FGH80N60FDTU
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)	80A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 40A
Power - Max	290W
Switching Energy	1mJ (on), 520µJ (off)
Input Type	Standard
Gate Charge	120nC
Td (on/off) @ 25°C	21ns/126ns
Test Condition	400V, 40A, 10 Ohm, 15V
Reverse Recovery Time (trr)	36ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

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FGH80N60FDTU 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.

FGH80N60FDTU Payment Methods



FGH80N60FDTU Shipping Methods



If you have any question about FGH80N60FDTU, please do not hesitate to contact us!

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