

FGH20N60SFDTU_F085 Information


For Reference Only

Part Number [FGH20N60SFDTU_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 20A 165W 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.


FGH20N60SFDTU_F085 Specifications

Manufacturer Part Number	FGH20N60SFDTU_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	Automotive, AEC-Q101
IGBT Type	Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	60A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 20A
Power - Max	165W
Switching Energy	430μJ (on), 130μJ (off)
Input Type	Standard
Gate Charge	66nC
Td (on/off) @ 25°C	13ns/90ns
Test Condition	400V, 20A, 10 Ohm, 15V
Reverse Recovery Time (trr)	40ns
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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FGH20N60SFDTU_F085 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.

FGH20N60SFDTU_F085 Payment Methods



FGH20N60SFDTU_F085 Shipping Methods



If you have any question about FGH20N60SFDTU_F085, please do not hesitate to contact us!

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