

FGH40N65UFDTU_F085 Information


For Reference Only

Part Number [FGH40N65UFDTU_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 40A 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


[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.


FGH40N65UFDTU_F085 Specifications

Manufacturer Part Number	FGH40N65UFDTU_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)	650V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 40A
Power - Max	290W
Switching Energy	1.28mJ (on), 500μJ (off)
Input Type	Standard
Gate Charge	119nC
Td (on/off) @ 25°C	23ns/126ns
Test Condition	400V, 40A, 10 Ohm, 15V
Reverse Recovery Time (trr)	65ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

[Report errors?](#)

FGH40N65UFDTU_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.

FGH40N65UFDTU_F085 Payment Methods



FGH40N65UFDTU_F085 Shipping Methods



If you have any question about FGH40N65UFDTU_F085, please do not hesitate to contact us!

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