

FGH50T65UPD Information


For Reference Only

Part Number [FGH50T65UPD](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 100A 340W TO-247AB
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.


FGH50T65UPD Specifications

Manufacturer Part Number	FGH50T65UPD
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	100A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 50A
Power - Max	340W
Switching Energy	2.7mJ (on), 740μJ (off)
Input Type	Standard
Gate Charge	230nC
Td (on/off) @ 25°C	32ns/160ns
Test Condition	400V, 50A, 6 Ohm, 15V
Reverse Recovery Time (trr)	53ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

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FGH50T65UPD 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.

FGH50T65UPD Payment Methods



FGH50T65UPD Shipping Methods



If you have any question about FGH50T65UPD, please do not hesitate to contact us!

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