



# FGH75T65UPD\_F085 Information



For Reference Only

Part Number FGH75T65UPD\_F085

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - IGBTs - Single

**Description** IGBT 650V 150A 375W 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



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.









### FGH75T65UPD\_F085 Specifications

Manufacturer Part Number	FGH75T65UPD_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-247-3
Series	Automotive, AEC-Q101
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	150A
Current - Collector Pulsed (Icm)	225A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 75A
Power - Max	375W
Switching Energy	2.85mJ (on), 1.2mJ (off)
Input Type	Standard
Gate Charge	578nC
Td (on/off) @ 25°C	32ns/166ns
Test Condition	400V, 75A, 3 Ohm, 15V
Reverse Recovery Time (trr)	85ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3
	Report errors?

### FGH75T65UPD\_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.

### FGH75T65UPD\_F085 Payment Methods









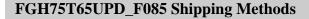
























If you have any question about FGH75T65UPD\_F085, please do not hesitate to contact us!

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