

## FGH40N60SMDF\_F085

#### FGH40N60SMDF\_F085 Information

	Part Number	FGH40N60SMDF_F085	
	Manufacturer	Fairchild/ON Semiconductor	ERVAL
www.helbener.com	Category	Discrete Semiconductor Products Transistors - IGBTs - Single	
120	Description	IGBT 600V 80A 349W TO247	- #368
	Package	TO-247-3	
		For the pricing/inventory/lead time, please contact	E18/4F
For Reference Only		us Website: https://www.heisener.com	D
For Reference Only			Request a

E-mail: salesdept@heisener.com

## **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.



Request a Quote

### FGH40N60SMDF\_F085 Specifications

Manufacturer Part Number	FGH40N60SMDF_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)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 40A
Power - Max	349W
Switching Energy	1.3mJ (on), 260µJ (off)
Input Type	Standard
Gate Charge	122nC
Td (on/off) @ 25°C	18ns/110ns
Test Condition	400V, 40A, 6 Ohm, 15V
Reverse Recovery Time (trr)	90ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3
	Report errors?

#### FGH40N60SMDF\_F085 Guarantees



**Quality Guarantees** 

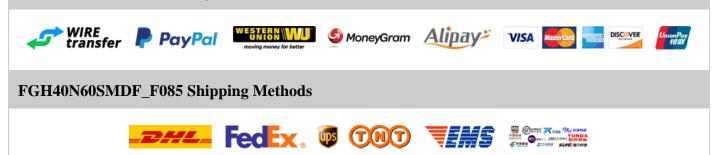
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### FGH40N60SMDF\_F085 Payment Methods



If you have any question about FGH40N60SMDF\_F085, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com