

FGH40N60SMD_F085 Information


For Reference Only

Part Number [FGH40N60SMD_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 80A 349W TO-247-3
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.


FGH40N60SMD_F085 Specifications

| | |
|---|---|
| Manufacturer Part Number | FGH40N60SMD_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 | 920µJ (on), 300µJ (off) |
| Input Type | Standard |
| Gate Charge | 180nC |
| Td (on/off) @ 25°C | 18ns/110ns |
| Test Condition | 400V, 40A, 6 Ohm, 15V |
| Reverse Recovery Time (trr) | 47ns |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247-3 |

[Report errors?](#)

FGH40N60SMD_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.

FGH40N60SMD_F085 Payment Methods



FGH40N60SMD_F085 Shipping Methods



If you have any question about FGH40N60SMD_F085, please do not hesitate to contact us!

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