

FGH40T65SPD_F155 Information


For Reference Only

Part Number [FGH40T65SPD_F155](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 80A 267W TO-247
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.


FGH40T65SPD_F155 Specifications

| | |
|---|---|
| Manufacturer Part Number | FGH40T65SPD_F155 |
| 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) | 80A |
| Current - Collector Pulsed (Icm) | 120A |
| Vce(on) (Max) @ Vge, Ic | 2.4V @ 15V, 40A |
| Power - Max | 267W |
| Switching Energy | 1.16mJ (on), 280µJ (off) |
| Input Type | Standard |
| Gate Charge | 35nC |
| Td (on/off) @ 25°C | 16ns/37ns |
| Test Condition | 400V, 40A, 6 Ohm, 15V |
| Reverse Recovery Time (trr) | 34ns |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247 |

[Report errors?](#)

FGH40T65SPD_F155 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.

FGH40T65SPD_F155 Payment Methods



FGH40T65SPD_F155 Shipping Methods



If you have any question about FGH40T65SPD_F155, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com