

FGH40T100SMD Information


For Reference Only

Part Number [FGH40T100SMD](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1000V 80A 333W TO247-3
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.


FGH40T100SMD Specifications

Manufacturer Part Number	FGH40T100SMD
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)	1000V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A
Power - Max	333W
Switching Energy	2.35mJ (on), 1.15mJ (off)
Input Type	Standard
Gate Charge	265nC
Td (on/off) @ 25°C	29ns/285ns
Test Condition	600V, 40A, 10 Ohm, 15V
Reverse Recovery Time (trr)	78ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

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FGH40T100SMD 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.

FGH40T100SMD Payment Methods



FGH40T100SMD Shipping Methods



If you have any question about FGH40T100SMD, please do not hesitate to contact us!

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