

FGD5T120SH Information


For Reference Only

Part Number [FGD5T120SH](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 5A FS3 DPAK
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


FGD5T120SH Specifications

Manufacturer Part Number	FGD5T120SH
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	10A
Current - Collector Pulsed (Icm)	12.5A
Vce(on) (Max) @ Vge, Ic	3.6V @ 15V, 5A
Power - Max	69W
Switching Energy	247µJ (on), 94µJ (off)
Input Type	Standard
Gate Charge	6.7nC
Td (on/off) @ 25°C	4.8ns/24.8ns
Test Condition	600V, 5A, 30 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	DPAK

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FGD5T120SH 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.

FGD5T120SH Payment Methods



FGD5T120SH Shipping Methods



If you have any question about FGD5T120SH, please do not hesitate to contact us!

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