

FGA40T65SHD Information


For Reference Only

Part Number [FGA40T65SHD](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 80A 268W TO-3PN
Package TO-3P-3, SC-65-3
 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.


FGA40T65SHD Specifications

Manufacturer Part Number	FGA40T65SHD
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-3P-3, SC-65-3
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	2.1V @ 15V, 40A
Power - Max	268W
Switching Energy	1.01mJ (on), 297µJ (off)
Input Type	Standard
Gate Charge	72.2nC
Td (on/off) @ 25°C	19.2ns/65.6ns
Test Condition	400V, 40A, 6 Ohm, 15V
Reverse Recovery Time (trr)	31.8ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-3P-3, SC-65-3
Supplier Device Package	TO-3PN

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FGA40T65SHD 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.

FGA40T65SHD Payment Methods



FGA40T65SHD Shipping Methods



If you have any question about FGA40T65SHD, please do not hesitate to contact us!

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