

FGA40T65UQDF Information


For Reference Only

Part Number FGA40T65UQDF
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 80A 231W TO3PN
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


[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.


FGA40T65UQDF Specifications

Manufacturer Part Number	FGA40T65UQDF
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-3P-3, SC-65-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	1.67V @ 15V, 40A
Power - Max	231W
Switching Energy	989µJ (on), 310µJ (off)
Input Type	Standard
Gate Charge	306nC
Td (on/off) @ 25°C	32ns/271ns
Test Condition	400V, 40A, 6 Ohm, 15V
Reverse Recovery Time (trr)	89ns
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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FGA40T65UQDF 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.

FGA40T65UQDF Payment Methods



FGA40T65UQDF Shipping Methods



If you have any question about FGA40T65UQDF, please do not hesitate to contact us!

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