

FGA20N120FTDTU Information


For Reference Only

Part Number [FGA20N120FTDTU](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 40A 298W 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


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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.


FGA20N120FTDTU Specifications

Manufacturer Part Number	FGA20N120FTDTU
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)	1200V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	60A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 20A
Power - Max	298W
Switching Energy	-
Input Type	Standard
Gate Charge	137nC
Td (on/off) @ 25°C	-
Test Condition	-
Reverse Recovery Time (trr)	447ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-3P-3, SC-65-3
Supplier Device Package	TO-3P

[Report errors?](#)

FGA20N120FTDTU 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.

FGA20N120FTDTU Payment Methods



FGA20N120FTDTU Shipping Methods



If you have any question about FGA20N120FTDTU, please do not hesitate to contact us!

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