

FGP30N6S2D Information


For Reference Only

Part Number [FGP30N6S2D](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 45A 167W TO220AB
Package TO-220-3
 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.


FGP30N6S2D Specifications

Manufacturer Part Number	FGP30N6S2D
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	45A
Current - Collector Pulsed (Icm)	108A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 12A
Power - Max	167W
Switching Energy	55µJ (on), 100µJ (off)
Input Type	Standard
Gate Charge	23nC
Td (on/off) @ 25°C	6ns/40ns
Test Condition	390V, 12A, 10 Ohm, 15V
Reverse Recovery Time (trr)	46ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

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FGP30N6S2D 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.

FGP30N6S2D Payment Methods



FGP30N6S2D Shipping Methods



If you have any question about FGP30N6S2D, please do not hesitate to contact us!

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