

FGB30N6S2D Information


For Reference Only

Part Number [FGB30N6S2D](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 45A 167W TO263AB
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.


FGB30N6S2D Specifications

| | |
|---|---|
| Manufacturer Part Number | FGB30N6S2D |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| 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 | Surface Mount |
| Package / Case | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Supplier Device Package | TO-263AB |

[Report errors?](#)

FGB30N6S2D 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.

FGB30N6S2D Payment Methods



FGB30N6S2D Shipping Methods



If you have any question about FGB30N6S2D, please do not hesitate to contact us!

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