

FGB40N6S2 Information


For Reference Only

Part Number [FGB40N6S2](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 75A 290W 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.


FGB40N6S2 Specifications

Manufacturer Part Number	FGB40N6S2
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)	75A
Current - Collector Pulsed (Icm)	180A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 20A
Power - Max	290W
Switching Energy	115µJ (on), 195µJ (off)
Input Type	Standard
Gate Charge	35nC
Td (on/off) @ 25°C	8ns/35ns
Test Condition	390V, 20A, 3 Ohm, 15V
Reverse Recovery Time (trr)	-
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

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FGB40N6S2 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.

FGB40N6S2 Payment Methods



FGB40N6S2 Shipping Methods



If you have any question about FGB40N6S2, please do not hesitate to contact us!

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