

FGB40N60SM Information


For Reference Only

Part Number [FGB40N60SM](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 80A 349W D2PAK
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


[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.


FGB40N60SM Specifications

Manufacturer Part Number	FGB40N60SM
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
IGBT Type	Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A
Power - Max	349W
Switching Energy	870µJ (on), 260µJ (off)
Input Type	Standard
Gate Charge	119nC
Td (on/off) @ 25°C	12ns/92ns
Test Condition	400V, 40A, 6 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	TO-263AB (D2PAK)

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FGB40N60SM 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.

FGB40N60SM Payment Methods



FGB40N60SM Shipping Methods



If you have any question about FGB40N60SM, please do not hesitate to contact us!

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