

**FGB40T65SPD\_F085 Information**


For Reference Only

**Part Number** [FGB40T65SPD\\_F085](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT FIELD STOP 650V 80A 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](mailto: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.


**FGB40T65SPD\_F085 Specifications**

Manufacturer Part Number	<a href="#">FGB40T65SPD_F085</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 40A
Power - Max	267W
Switching Energy	970µJ (on), 280µJ (off)
Input Type	Standard
Gate Charge	36nC
Td (on/off) @ 25°C	18ns/35ns
Test Condition	400V, 40A, 6 Ohm, 15V
Reverse Recovery Time (trr)	34ns
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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## FGB40T65SPD\_F085 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.

## FGB40T65SPD\_F085 Payment Methods



## FGB40T65SPD\_F085 Shipping Methods



If you have any question about FGB40T65SPD\_F085, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)