

ISL9V5045S3ST_F085 Information


For Reference Only

Part Number [ISL9V5045S3ST_F085](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 480V 51A 300W 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.


ISL9V5045S3ST_F085 Specifications

Manufacturer Part Number	ISL9V5045S3ST_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	Automotive, AEC-Q101, EcoSPARK?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	480V
Current - Collector (Ic) (Max)	51A
Current - Collector Pulsed (Icm)	-
Vce(on) (Max) @ Vge, Ic	1.6V @ 4V, 10A
Power - Max	300W
Switching Energy	-
Input Type	Logic
Gate Charge	32nC
Td (on/off) @ 25°C	-/10.8µs
Test Condition	300V, 1 kOhm, 5V
Reverse Recovery Time (trr)	-
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	TO-263AB

[Report errors?](#)

ISL9V5045S3ST_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.

ISL9V5045S3ST_F085 Payment Methods



ISL9V5045S3ST_F085 Shipping Methods



If you have any question about ISL9V5045S3ST_F085, please do not hesitate to contact us!

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