

IRGS4045DPBF Information


For Reference Only

Part Number [IRGS4045DPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 12A 77W 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


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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.


IRGS4045DPBF Specifications

Manufacturer Part Number	IRGS4045DPBF
Manufacturer	Infineon Technologies
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)	12A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 6A
Power - Max	77W
Switching Energy	56µJ (on), 122µJ (off)
Input Type	Standard
Gate Charge	19.5nC
Td (on/off) @ 25°C	27ns/75ns
Test Condition	400V, 6A, 47 Ohm, 15V
Reverse Recovery Time (trr)	74ns
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	D2PAK

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IRGS4045DPBF 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.

IRGS4045DPBF Payment Methods



IRGS4045DPBF Shipping Methods



If you have any question about IRGS4045DPBF, please do not hesitate to contact us!

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