

IRG4IBC30FDPBF Information


For Reference Only

Part Number [IRG4IBC30FDPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 20.3A 45W TO220FP
Package TO-220-3 Full Pack
 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.


IRG4IBC30FDPBF Specifications

Manufacturer Part Number	IRG4IBC30FDPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3 Full Pack
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	20.3A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	1.8V @ 15V, 17A
Power - Max	45W
Switching Energy	630μJ (on), 1.39mJ (off)
Input Type	Standard
Gate Charge	51nC
Td (on/off) @ 25°C	42ns/230ns
Test Condition	480V, 17A, 23 Ohm, 15V
Reverse Recovery Time (trr)	42ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220AB Full-Pak

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IRG4IBC30FDPBF 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.

IRG4IBC30FDPBF Payment Methods



IRG4IBC30FDPBF Shipping Methods



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