

IRG4BC30FD1 Information


For Reference Only

Part Number [IRG4BC30FD1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 31A 100W TO220AB
Package TO-220-3
 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.


IRG4BC30FD1 Specifications

Manufacturer Part Number	IRG4BC30FD1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	31A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	1.8V @ 15V, 17A
Power - Max	100W
Switching Energy	370µJ (on), 1.42mJ (off)
Input Type	Standard
Gate Charge	57nC
Td (on/off) @ 25°C	22ns/250ns
Test Condition	480V, 17A, 23 Ohm, 15V
Reverse Recovery Time (trr)	46ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

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IRG4BC30FD1 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.

IRG4BC30FD1 Payment Methods



IRG4BC30FD1 Shipping Methods



If you have any question about IRG4BC30FD1, please do not hesitate to contact us!

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