

IRG4PH50UPBF Information


For Reference Only

Part Number [IRG4PH50UPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 45A 200W TO247AC
Package TO-247-3
 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.


IRG4PH50UPBF Specifications

| | |
|---------------------------------------------|---------------------------------------------------------------------------------|
| Manufacturer Part Number | IRG4PH50UPBF |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-247-3 |
| Series | - |
| IGBT Type | - |
| Voltage - Collector Emitter Breakdown (Max) | 1200V |
| Current - Collector (Ic) (Max) | 45A |
| Current - Collector Pulsed (Icm) | 180A |
| Vce(on) (Max) @ Vge, Ic | 3.7V @ 15V, 24A |
| Power - Max | 200W |
| Switching Energy | 530μJ (on), 1.41mJ (off) |
| Input Type | Standard |
| Gate Charge | 160nC |
| Td (on/off) @ 25°C | 35ns/200ns |
| Test Condition | 960V, 24A, 5 Ohm, 15V |
| Reverse Recovery Time (trr) | - |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247AC |

[Report errors?](#)

IRG4PH50UPBF 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.

IRG4PH50UPBF Payment Methods



IRG4PH50UPBF Shipping Methods



If you have any question about IRG4PH50UPBF, please do not hesitate to contact us!

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