

IRGR4045DPBF Information


For Reference Only

Part Number [IRGR4045DPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 12A 77W DPAK
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


IRGR4045DPBF Specifications

| | |
|---|---|
| Manufacturer Part Number | IRGR4045DPBF |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | - |
| IGBT Type | Trench |
| 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-252-3, DPak (2 Leads + Tab), SC-63 |
| Supplier Device Package | D-Pak |
| Report errors? | |

IRGR4045DPBF 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.

IRGR4045DPBF Payment Methods



IRGR4045DPBF Shipping Methods



If you have any question about IRGR4045DPBF, please do not hesitate to contact us!

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