

IRFPC40PBF Information


For Reference Only

Part Number [IRFPC40PBF](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 6.8A TO-247AC
Package TO-247-3
 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.


IRFPC40PBF Specifications

| | |
|--|---|
| Manufacturer Part Number | IRFPC40PBF |
| Manufacturer | Vishay Siliconix |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-247-3 |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 600V |
| Current - Continuous Drain (I _d) @ 25°C | 6.8A (T _c) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 10V |
| V _{gs} (th) (Max) @ I _d | 4V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 60nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1300pF @ 25V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 150W (T _c) |
| R _{ds} On (Max) @ I _d , V _{gs} | 1.2 Ohm @ 4.1A, 10V |
| Operating Temperature | -55°C ~ 150°C (T _J) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-247-3 |
| Package / Case | TO-247-3 |

[Report errors?](#)

IRFPC40PBF 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.

IRFPC40PBF Payment Methods



IRFPC40PBF Shipping Methods



If you have any question about IRFPC40PBF, please do not hesitate to contact us!

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