

IRF6729MTR1PBF Information


For Reference Only

Part Number [IRF6729MTR1PBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 31A DIRECTFET
Package DirectFET? Isometric MX
 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.


IRF6729MTR1PBF Specifications

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|--|---|
| Manufacturer Part Number | IRF6729MTR1PBF |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | DirectFET? Isometric MX |
| Series | HEXFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 31A (Ta), 190A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2.35V @ 150µA |
| Gate Charge (Qg) (Max) @ Vgs | 63nC @ 4.5V |
| Input Capacitance (Ciss) (Max) @ Vds | 6030pF @ 15V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 2.8W (Ta), 104W (Tc) |
| Rds On (Max) @ Id, Vgs | 1.8 mOhm @ 31A, 10V |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | DIRECTFET? MX |
| Package / Case | DirectFET? Isometric MX |

[Report errors?](#)

IRF6729MTR1PBF 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.

IRF6729MTR1PBF Payment Methods



IRF6729MTR1PBF Shipping Methods



If you have any question about IRF6729MTR1PBF, please do not hesitate to contact us!

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