

IRF630 Information


For Reference Only

Part Number [IRF630](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 200V 9A TO-220
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.


IRF630 Specifications

| | |
|--|---|
| Manufacturer Part Number | IRF630 |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | MESH OVERLAY? II |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 200V |
| Current - Continuous Drain (Id) @ 25°C | 9A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 45nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 700pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 75W (Tc) |
| Rds On (Max) @ Id, Vgs | 400 mOhm @ 4.5A, 10V |
| Operating Temperature | -65°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB |
| Package / Case | TO-220-3 |

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IRF630 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.

IRF630 Payment Methods



IRF630 Shipping Methods



If you have any question about IRF630, please do not hesitate to contact us!

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