

IRL1404ZPBF Information


For Reference Only

Part Number [IRL1404ZPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 75A TO-220AB
Package TO-220-3
 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.


IRL1404ZPBF Specifications

| | |
|--|---|
| Manufacturer Part Number | IRL1404ZPBF |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | HEXFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 40V |
| Current - Continuous Drain (Id) @ 25°C | 75A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2.7V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 110nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 5080pF @ 25V |
| Vgs (Max) | ±16V |
| FET Feature | - |
| Power Dissipation (Max) | 230W (Tc) |
| Rds On (Max) @ Id, Vgs | 3.1 mOhm @ 75A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB |
| Package / Case | TO-220-3 |

[Report errors?](#)

IRL1404ZPBF 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.

IRL1404ZPBF Payment Methods



IRL1404ZPBF Shipping Methods



If you have any question about IRL1404ZPBF, please do not hesitate to contact us!

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