



IRLI530NPBF Information

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For Reference Only

Part Number IRLI530NPBF

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 12A TO220FP

Package TO-220-3 Full Pack

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.









IRLI530NPBF Specifications

| Manufacturer Part Number | IRLI530NPBF |
|--|--------------------------------------|
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack |
| Series | HEXFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 12A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4V, 10V |
| Vgs(th) (Max) @ Id | 2V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 34nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 800pF @ 25V |
| Vgs (Max) | ±16V |
| FET Feature | - |
| Power Dissipation (Max) | 41W (Tc) |
| Rds On (Max) @ Id, Vgs | 100 mOhm @ 9A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB Full-Pak |
| Package / Case | TO-220-3 Full Pack |
| | Report errors? |
| | |

IRLI530NPBF 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.

IRLI530NPBF Payment Methods









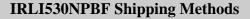
























If you have any question about IRLI530NPBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com