

IXFN55N50 Information



For Reference Only

Part Number IXFN55N50 Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 500V 55A SOT-227B

Package SOT-227-4, miniBLOC

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.









IXFN55N50 Specifications

| Manufacturer Part Number | IXFN55N50 |
|----------------------------------------|--------------------------------------|
| Manufacturer | IXYS |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | SOT-227-4, miniBLOC |
| Series | HiPerFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 500V |
| Current - Continuous Drain (Id) @ 25°C | 55A |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 8mA |
| Gate Charge (Qg) (Max) @ Vgs | 330nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 9400pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 625W (Tc) |
| Rds On (Max) @ Id, Vgs | 90 mOhm @ 27.5A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Chassis Mount |
| Supplier Device Package | SOT-227B |
| Package / Case | SOT-227-4, miniBLOC |
| | Report errors? |

IXFN55N50 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.

IXFN55N50 Payment Methods









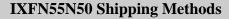
























If you have any question about IXFN55N50, please do not hesitate to contact us!

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