

IXFN20N120 Information


For Reference Only

Part Number [IXFN20N120](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 20A 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.


IXFN20N120 Specifications

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number | IXFN20N120 |
| 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) | 1200V |
| Current - Continuous Drain (Id) @ 25°C | 20A |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 8mA |
| Gate Charge (Qg) (Max) @ Vgs | 160nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 7400pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 780W (Tc) |
| Rds On (Max) @ Id, Vgs | 750 mOhm @ 500mA, 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?](#)

IXFN20N120 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.

IXFN20N120 Payment Methods



IXFN20N120 Shipping Methods



If you have any question about IXFN20N120, please do not hesitate to contact us!

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