



IXFX32N100P Information



For Reference Only

Part Number IXFX32N100P

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 1000V 32A PLUS247

Package TO-247-3

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.









IXFX32N100P Specifications

| Manufacturer Part Number | IXFX32N100P |
|--|--------------------------------------|
| Manufacturer | IXYS |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-247-3 |
| Series | HiPerFET?, PolarP2? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 1000V |
| Current - Continuous Drain (Id) @ 25°C | 32A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 6.5V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 225nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 14200pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 960W (Tc) |
| Rds On (Max) @ Id, Vgs | 320 mOhm @ 16A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | PLUS247?-3 |
| Package / Case | TO-247-3 |
| | Report errors? |

IXFX32N100P 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.

IXFX32N100P Payment Methods



















IXFX32N100P Shipping Methods













If you have any question about IXFX32N100P, please do not hesitate to contact us!

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