



## **IXFX24N100 Information**



For Reference Only

Part Number IXFX24N100

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 1000V 24A PLUS 247

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.









# **IXFX24N100 Specifications**

| Manufacturer Part Number               | IXFX24N100                           |
|--|--------------------------------------|
| Manufacturer                           | IXYS                                 |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-247-3                             |
| Series                                 | HiPerFET?                            |
| FET Type                               | N-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 1000V                                |
| Current - Continuous Drain (Id) @ 25°C | 24A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                  |
| Vgs(th) (Max) @ Id                     | 5.5V @ 8mA                           |
| Gate Charge (Qg) (Max) @ Vgs           | 267nC @ 10V                          |
| Input Capacitance (Ciss) (Max) @ Vds   | 8700pF @ 25V                         |
| Vgs (Max)                              | ±20V                                 |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | 560W (Tc)                            |
| Rds On (Max) @ Id, Vgs                 | 390 mOhm @ 12A, 10V                  |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                   |
| Mounting Type                          | Through Hole                         |
| Supplier Device Package                | PLUS247?-3                           |
| Package / Case                         | TO-247-3                             |
|  | Report errors?                       |

### **IXFX24N100 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.

## **IXFX24N100 Payment Methods**



















## **IXFX24N100 Shipping Methods**













If you have any question about IXFX24N100, please do not hesitate to contact us!

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