



### **IXTT16N50D2 Information**

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For Reference Only

Part Number IXTT16N50D2

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 500V 16A TO-268

Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA

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.









# **IXTT16N50D2 Specifications**

| Manufacturer Part Number               | IXTT16N50D2                               |                |
|--|---|----------------|
| Manufacturer                           | IXYS                                      |                |
| Category                               | Discrete Semiconductor Products           |                |
|  | Transistors - FETs, MOSFETs - Single      |                |
| Package                                | TO-268-3, D3Pak (2 Leads + Tab), TO-268AA |                |
| Series                                 | -   |                |
| FET Type                               | N-Channel                                 |                |
| Technology                             | MOSFET (Metal Oxide)                      |                |
| Drain to Source Voltage (Vdss)         | 500V                                      |                |
| Current - Continuous Drain (Id) @ 25°C | 16A (Tc)                                  |                |
| Drive Voltage (Max Rds On, Min Rds On) | 0V  |                |
| Vgs(th) (Max) @ Id                     | -   |                |
| Gate Charge (Qg) (Max) @ Vgs           | 199nC @ 5V                                |                |
| Input Capacitance (Ciss) (Max) @ Vds   | 5250pF @ 25V                              |                |
| Vgs (Max)                              | ±20V                                      |                |
| FET Feature                            | Depletion Mode                            |                |
| Power Dissipation (Max)                | 695W (Tc)                                 |                |
| Rds On (Max) @ Id, Vgs                 | 240 mOhm @ 8A, 0V                         |                |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                        |                |
| Mounting Type                          | Surface Mount                             |                |
| Supplier Device Package                | TO-268                                    |                |
| Package / Case                         | TO-268-3, D3Pak (2 Leads + Tab), TO-268AA |                |
|  |   | Report errors? |

### **IXTT16N50D2** 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.

## IXTT16N50D2 Payment Methods





















### **IXTT16N50D2 Shipping Methods**













If you have any question about IXTT16N50D2, please do not hesitate to contact us!

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