



## **IXFT30N60Q Information**

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For Reference Only

Part Number IXFT30N60Q

Manufacturer IXYS

**Category** Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 600V 30A TO-268(D3)

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

For the pricing/inventory/lead time, please contact

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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.









## **IXFT30N60Q Specifications**

| Manufacturer Part Number               | IXFT30N60Q                                |
|----------------------------------------|-------------------------------------------|
| Manufacturer                           | IXYS                                      |
| Category                               | Discrete Semiconductor Products           |
|                                        | Transistors - FETs, MOSFETs - Single      |
| Package                                | TO-268-3, D3Pak (2 Leads + Tab), TO-268AA |
| Series                                 | HiPerFET?                                 |
| FET Type                               | N-Channel                                 |
| Technology                             | MOSFET (Metal Oxide)                      |
| Drain to Source Voltage (Vdss)         | 600V                                      |
| Current - Continuous Drain (Id) @ 25°C | 30A (Tc)                                  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                       |
| Vgs(th) (Max) @ Id                     | 4.5V @ 4mA                                |
| Gate Charge (Qg) (Max) @ Vgs           | 125nC @ 10V                               |
| Input Capacitance (Ciss) (Max) @ Vds   | 4700pF @ 25V                              |
| Vgs (Max)                              | ±20V                                      |
| FET Feature                            | -                                         |
| Power Dissipation (Max)                | 500W (Tc)                                 |
| Rds On (Max) @ Id, Vgs                 | 230 mOhm @ 500mA, 10V                     |
| 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?                            |

## **IXFT30N60Q 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.

## **IXFT30N60Q Payment Methods**



















## **IXFT30N60Q Shipping Methods**













If you have any question about IXFT30N60Q, please do not hesitate to contact us!

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