

IXFT52N30Q Information


For Reference Only

Part Number [IXFT52N30Q](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 300V 52A 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


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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.


IXFT52N30Q Specifications

| | |
|--|---|
| Manufacturer Part Number | IXFT52N30Q |
| 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) | 300V |
| Current - Continuous Drain (Id) @ 25°C | 52A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 4mA |
| Gate Charge (Qg) (Max) @ Vgs | 150nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 5300pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 360W (Tc) |
| Rds On (Max) @ Id, Vgs | 60 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?](#)

IXFT52N30Q 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.

IXFT52N30Q Payment Methods



IXFT52N30Q Shipping Methods



If you have any question about IXFT52N30Q, please do not hesitate to contact us!

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