

IXFT44N50Q3 Information


For Reference Only

Part Number [IXFT44N50Q3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 44A 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.


IXFT44N50Q3 Specifications

Manufacturer Part Number	IXFT44N50Q3
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)	500V
Current - Continuous Drain (Id) @ 25°C	44A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	6.5V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	93nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4800pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	830W (Tc)
Rds On (Max) @ Id, Vgs	140 mOhm @ 22A, 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?](#)

IXFT44N50Q3 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.

IXFT44N50Q3 Payment Methods



IXFT44N50Q3 Shipping Methods



If you have any question about IXFT44N50Q3, please do not hesitate to contact us!

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