

IXFK48N50 Information


For Reference Only

Part Number [IXFK48N50](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 48A TO-264AA
Package TO-264-3, TO-264AA
 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.


IXFK48N50 Specifications

Manufacturer Part Number	IXFK48N50
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	500V
Current - Continuous Drain (I _d) @ 25°C	48A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 8mA
Gate Charge (Q _g) (Max) @ V _{gs}	270nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	8400pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	500W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	100 mOhm @ 24A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-264AA (IXFK)
Package / Case	TO-264-3, TO-264AA

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IXFK48N50 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.

IXFK48N50 Payment Methods



IXFK48N50 Shipping Methods



If you have any question about IXFK48N50, please do not hesitate to contact us!

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