

IXFK55N50F Information


For Reference Only

Part Number [IXFK55N50F](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 55A TO264
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.


IXFK55N50F Specifications

Manufacturer Part Number	IXFK55N50F
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	HiPerRF?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	500V
Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5.5V @ 8mA
Gate Charge (Qg) (Max) @ Vgs	195nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6700pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	560W (Tc)
Rds On (Max) @ Id, Vgs	85 mOhm @ 27.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264 (IXFK)
Package / Case	TO-264-3, TO-264AA

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IXFK55N50F 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.

IXFK55N50F Payment Methods



IXFK55N50F Shipping Methods



If you have any question about IXFK55N50F, please do not hesitate to contact us!

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