

**IXFK170N25X3 Information**


For Reference Only

**Part Number** [IXFK170N25X3](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 250V 170A 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](mailto: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.


**IXFK170N25X3 Specifications**

Manufacturer Part Number	<a href="#">IXFK170N25X3</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-264-3, TO-264AA
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	250V
Current - Continuous Drain (Id) @ 25°C	170A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	190nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	13500pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	960W (Tc)
Rds On (Max) @ Id, Vgs	7.4 mOhm @ 85A, 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

[Report errors?](#)

## IXFK170N25X3 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.

## IXFK170N25X3 Payment Methods



## IXFK170N25X3 Shipping Methods



If you have any question about IXFK170N25X3, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)