

IXFJ32N50Q Information


For Reference Only

Part Number [IXFJ32N50Q](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 32A TO-220
Package TO-220-3, Short Tab
 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.


IXFJ32N50Q Specifications

Manufacturer Part Number	IXFJ32N50Q
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3, Short Tab
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	32A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	153nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3950pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	360W (Tc)
Rds On (Max) @ Id, Vgs	150 mOhm @ 16A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-268
Package / Case	TO-220-3, Short Tab

[Report errors?](#)

IXFJ32N50Q 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.

IXFJ32N50Q Payment Methods



IXFJ32N50Q Shipping Methods



If you have any question about IXFJ32N50Q, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com