

IXFP8N50P3 Information


For Reference Only

Part Number [IXFP8N50P3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 8A TO-220
Package TO-220-3
 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.


IXFP8N50P3 Specifications

Manufacturer Part Number	IXFP8N50P3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	HiPerFET?, Polar3?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	500V
Current - Continuous Drain (Id) @ 25°C	8A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 1.5mA
Gate Charge (Qg) (Max) @ Vgs	13nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	705pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	180W (Tc)
Rds On (Max) @ Id, Vgs	800 mOhm @ 4A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

IXFP8N50P3 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.

IXFP8N50P3 Payment Methods



IXFP8N50P3 Shipping Methods



If you have any question about IXFP8N50P3, please do not hesitate to contact us!

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