

IXFN44N80Q3 Information


For Reference Only

Part Number [IXFN44N80Q3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V 37A SOT-227
Package SOT-227-4, miniBLOC
 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.


IXFN44N80Q3 Specifications

Manufacturer Part Number	IXFN44N80Q3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	37A
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	6.5V @ 8mA
Gate Charge (Qg) (Max) @ Vgs	185nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	9840pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	780W (Tc)
Rds On (Max) @ Id, Vgs	190 mOhm @ 22A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227B
Package / Case	SOT-227-4, miniBLOC

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IXFN44N80Q3 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.

IXFN44N80Q3 Payment Methods



IXFN44N80Q3 Shipping Methods



If you have any question about IXFN44N80Q3, please do not hesitate to contact us!

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