

IXFN420N10T Information


For Reference Only

Part Number [IXFN420N10T](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 420A 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.


IXFN420N10T Specifications

Manufacturer Part Number	IXFN420N10T
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	GigaMOS? HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	100V
Current - Continuous Drain (I _d) @ 25°C	420A
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	5V @ 8mA
Gate Charge (Q _g) (Max) @ V _{gs}	670nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	47000pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1070W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	2.3 mOhm @ 60A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227B
Package / Case	SOT-227-4, miniBLOC

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IXFN420N10T 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.

IXFN420N10T Payment Methods



IXFN420N10T Shipping Methods



If you have any question about IXFN420N10T, please do not hesitate to contact us!

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