

IXFK420N10T Information


For Reference Only

Part Number [IXFK420N10T](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 420A TO-264
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


[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.


IXFK420N10T Specifications

Manufacturer Part Number	IXFK420N10T
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	GigaMOS? HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	420A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 8mA
Gate Charge (Qg) (Max) @ Vgs	670nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	47000pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1670W (Tc)
Rds On (Max) @ Id, Vgs	2.6 mOhm @ 60A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264AA (IXFK)
Package / Case	TO-264-3, TO-264AA

[Report errors?](#)

IXFK420N10T 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.

IXFK420N10T Payment Methods



IXFK420N10T Shipping Methods



If you have any question about IXFK420N10T, please do not hesitate to contact us!

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