IXFK21N100Q Information

Part Number IXFK21N100Q

Manufacturer IXYS

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 1000V 21A 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

For Reference Only

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.

IXFK21N100Q Specifications

Manufacturer Part Number	IXFK21N100Q
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	1000V
Current - Continuous Drain (Id) @ 25°C	21A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5.5V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	170nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6900pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	500W (Tc)
Rds On (Max) @ Id, Vgs	500 mOhm @ 10.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264AA (IXFK)
Package / Case	TO-264-3, TO-264AA
	Report errors?

IXFK21N100Q 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.

IXFK21N100Q Payment Methods

IXFK21N100Q Shipping Methods

If you have any question about IXFK21N100Q, please do not hesitate to contact us!

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