

IXFV12N120PS Information


For Reference Only

Part Number [IXFV12N120PS](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 12A PLUS220SMD
Package PLUS-220SMD
 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.


IXFV12N120PS Specifications

Manufacturer Part Number	IXFV12N120PS
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	PLUS-220SMD
Series	HiPerFET?, PolarP2?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	1200V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	6.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	103nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5400pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	543W (Tc)
Rds On (Max) @ Id, Vgs	1.35 Ohm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PLUS-220SMD
Package / Case	PLUS-220SMD

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IXFV12N120PS 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.

IXFV12N120PS Payment Methods



IXFV12N120PS Shipping Methods



If you have any question about IXFV12N120PS, please do not hesitate to contact us!

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