

IXFV52N30PS Information


For Reference Only

Part Number [IXFV52N30PS](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
 [Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 300V 52A PLUS220-S
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.


IXFV52N30PS Specifications

Manufacturer Part Number	IXFV52N30PS
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	PLUS-220SMD
Series	PolarHT? HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	300V
Current - Continuous Drain (Id) @ 25°C	52A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	110nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3490pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	400W (Tc)
Rds On (Max) @ Id, Vgs	66 mOhm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PLUS-220SMD
Package / Case	PLUS-220SMD

[Report errors?](#)

IXFV52N30PS 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.

IXFV52N30PS Payment Methods



IXFV52N30PS Shipping Methods



If you have any question about IXFV52N30PS, please do not hesitate to contact us!

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