

IXFK52N30Q Information


For Reference Only

Part Number [IXFK52N30Q](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
 [Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 300V 52A TO-264AA
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.


IXFK52N30Q Specifications

Manufacturer Part Number	IXFK52N30Q
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 (V _{dss})	300V
Current - Continuous Drain (I _d) @ 25°C	52A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 4mA
Gate Charge (Q _g) (Max) @ V _{gs}	150nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	5300pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	360W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	60 mOhm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-264AA (IXFK)
Package / Case	TO-264-3, TO-264AA

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IXFK52N30Q 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.

IXFK52N30Q Payment Methods



IXFK52N30Q Shipping Methods



If you have any question about IXFK52N30Q, please do not hesitate to contact us!

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