

IXTK102N30P Information


For Reference Only

Part Number [IXTK102N30P](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 300V 102A 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.


IXTK102N30P Specifications

Manufacturer Part Number	IXTK102N30P
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	PolarHT?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	300V
Current - Continuous Drain (Id) @ 25°C	102A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	224nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7500pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	700W (Tc)
Rds On (Max) @ Id, Vgs	33 mOhm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264 (IXTK)
Package / Case	TO-264-3, TO-264AA

[Report errors?](#)

IXTK102N30P 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.

IXTK102N30P Payment Methods



IXTK102N30P Shipping Methods



If you have any question about IXTK102N30P, please do not hesitate to contact us!

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