

IXTT36N50P Information


For Reference Only

Part Number [IXTT36N50P](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 36A TO-268 D3
Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


IXTT36N50P Specifications

Manufacturer Part Number	IXTT36N50P
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	PolarHV?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	36A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	85nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	5500pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	540W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	170 mOhm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	TO-268
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA

[Report errors?](#)

IXTT36N50P 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.

IXTT36N50P Payment Methods



IXTT36N50P Shipping Methods



If you have any question about IXTT36N50P, please do not hesitate to contact us!

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