

IXTP460P2 Information


For Reference Only

Part Number [IXTP460P2](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 24A TO-220
Package TO-220-3
 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.


IXTP460P2 Specifications

Manufacturer Part Number	IXTP460P2
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	PolarP2?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	500V
Current - Continuous Drain (I _d) @ 25°C	24A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	48nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2890pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	480W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	270 mOhm @ 12A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

IXTP460P2 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.

IXTP460P2 Payment Methods



IXTP460P2 Shipping Methods



If you have any question about IXTP460P2, please do not hesitate to contact us!

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