

IXTH6N50D2 Information


For Reference Only

Part Number [IXTH6N50D2](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 6A TO247
Package TO-247-3
 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.


IXTH6N50D2 Specifications

Manufacturer Part Number	IXTH6N50D2
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	6A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	-
V _{gs(th)} (Max) @ I _d	-
Gate Charge (Q _g) (Max) @ V _{gs}	96nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2800pF @ 25V
V _{gs} (Max)	±20V
FET Feature	Depletion Mode
Power Dissipation (Max)	300W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	500 mOhm @ 3A, 0V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-247 (IXTH)
Package / Case	TO-247-3

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IXTH6N50D2 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.

IXTH6N50D2 Payment Methods



IXTH6N50D2 Shipping Methods



If you have any question about IXTH6N50D2, please do not hesitate to contact us!

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