

IXTA6N50D2 Information


For Reference Only

Part Number [IXTA6N50D2](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 6A D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.


IXTA6N50D2 Specifications

Manufacturer Part Number	IXTA6N50D2
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	-
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	96nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	2800pF @ 25V
Vgs (Max)	±20V
FET Feature	Depletion Mode
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	500 mOhm @ 3A, 0V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-263 (IXTA)
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

[Report errors?](#)

IXTA6N50D2 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.

IXTA6N50D2 Payment Methods



IXTA6N50D2 Shipping Methods



If you have any question about IXTA6N50D2, please do not hesitate to contact us!

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