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IXTH500N04T2 Information

For Reference Only

Part Number	IXTH500N04T2
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 40V 500A TO-247
Package	TO-247-3

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.

IXTH500N04T2 Specifications

Manufacturer Part Number	IXTH500N04T2
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	TrenchT2?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	500A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	405nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	25000pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1000W (Tc)
Rds On (Max) @ Id, Vgs	1.6 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247 (IXTH)
Package / Case	TO-247-3
	Report errors?

IXTH500N04T2 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.

IXTH500N04T2 Payment Methods

IXTH500N04T2 Shipping Methods

If you have any question about IXTH500N04T2, please do not hesitate to contact us!
Website: https://www.heisener.com
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