IXTY44N10T Information

For Reference Only

Part Number	IXTY44N10T
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 100V 44A TO-252
Package	TO-252-3, DPak (2 Leads + Tab), SC-63

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.

IXTY44N10T Specifications

Manufacturer Part Number	IXTY44N10T
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	TrenchMV?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	44A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 25μA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1262pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	130W (Tc)
Rds On (Max) @ Id, Vgs	30 mOhm @ 22A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252, (D-Pak)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

IXTY44N10T 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.

IXTY44N10T Payment Methods

IXTY44N10T Shipping Methods

If you have any question about IXTY44N10T, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com