IXTN550N055T2 Information

For Reference Only

Part Number	IXTN550N055T2
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 55V 550A SOT-227
Package	SOT-227-4, miniBLOC

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.

IXTN550N055T2 Specifications

Manufacturer Part Number	IXTN550N055T2
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	GigaMOS?, TrenchT2?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	550A
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	595nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	40000pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	940W (Tc)
Rds On (Max) @ Id, Vgs	1.3 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227B
Package / Case	SOT-227-4, miniBLOC
	Report errors?

IXTN550N055T2 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.

IXTN550N055T2 Payment Methods

IXTN550N055T2 Shipping Methods

If you have any question about IXTN550N055T2, please do not hesitate to contact us!
Website: https://www.heisener.com
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