



IXFT12N100 Information

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For Reference Only

Part Number IXFT12N100

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 1000V 12A TO-268

Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA

For the pricing/inventory/lead time, please contact

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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.









IXFT12N100 Specifications

Manufacturer Part Number	IXFT12N100	
Manufacturer	IXYS	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA	
Series	HiPerFET?	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	1000V	
Current - Continuous Drain (Id) @ 25°C	12A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	4.5V @ 4mA	
Gate Charge (Qg) (Max) @ Vgs	155nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	4000pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	300W (Tc)	
Rds On (Max) @ Id, Vgs	1.05 Ohm @ 6A, 10V	
Operating Temperature	-55°C ~ 150°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	TO-268	
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA	
		Report errors?

IXFT12N100 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.

IXFT12N100 Payment Methods









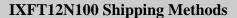
























If you have any question about IXFT12N100, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com