

IXFT50N60X Information


For Reference Only

Part Number [IXFT50N60X](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 50A TO268
Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
 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.


IXFT50N60X Specifications

Manufacturer Part Number	IXFT50N60X
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)	600V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 4mA
Gate Charge (Qg) (Max) @ Vgs	116nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4660pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	660W (Tc)
Rds On (Max) @ Id, Vgs	73 mOhm @ 25A, 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?](#)

IXFT50N60X 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.

IXFT50N60X Payment Methods



IXFT50N60X Shipping Methods



If you have any question about IXFT50N60X, please do not hesitate to contact us!

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