



IXFR44N50Q Information



For Reference Only

Part Number IXFR44N50Q

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 500V 34A ISOPLUS247

Package ISOPLUS247?

For the pricing/inventory/lead time, please contact

us

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



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IXFR44N50Q Specifications

Manufacturer Part Number IXFR44N50Q Manufacturer IXYS Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package ISOPLUS247? Series HiPerFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 34A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 4mA Gate Charge (Qg) (Max) @ Vgs 190nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7000pF @ 25V Vgs (Max) ± 20V FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 120 mOhm @ 22A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?		
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Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 7000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 120 mOhm @ 22A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Current - Continuous Drain (Id) @ 25°C	34A (Tc)
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Input Capacitance (Ciss) (Max) @ Vds 7000pF @ 25V Vgs (Max) E20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 22A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Vgs(th) (Max) @ Id	4V @ 4mA
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FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 120 mOhm @ 22A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Input Capacitance (Ciss) (Max) @ Vds	7000pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 22A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Vgs (Max)	±20V
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Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Power Dissipation (Max)	310W (Tc)
Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Rds On (Max) @ Id, Vgs	120 mOhm @ 22A, 10V
Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case ISOPLUS247?	Mounting Type	Through Hole
	Supplier Device Package	ISOPLUS247?
Report errors?	Package / Case	ISOPLUS247?
		Report errors?

IXFR44N50Q 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.

IXFR44N50Q Payment Methods



















IXFR44N50Q Shipping Methods













If you have any question about IXFR44N50Q, please do not hesitate to contact us!

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