



IXFL82N60P Information

Heisener.com

Part Number IXFL82N60P

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 600V 55A ISOPLUS 264

Package ISOPLUS264?

For the pricing/inventory/lead time, please contact

us

For Reference Only Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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IXFL82N60P Specifications

Manufacturer Part Number IXFL82N60P Manufacturer IXYS Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package ISOPLUS264? Series HiPerFET?, PolarHT? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 8mA Gate Charge (Qg) (Max) @ Vgs 240nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 23000pF @ 25V Vgs (Max) ± 30V FET Feature - Power Dissipation (Max) 625W (Tc) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?		
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Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Sv @ 8mA Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature Supplier Device Package Package / Case 600V 55A (Tc) 55A (Tc) 55A (Tc) 55A (Tc) 55V @ 8mA 240nC @ 10V 23000pF @ 25V 25V 25V 25V 25V 25V 25V 25V	FET Type	N-Channel
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Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 5V @ 8mA Gate Charge (Qg) (Max) @ Vgs Liput Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature Supplier Device Package Package / Case ISOPLUS264?	Drain to Source Voltage (Vdss)	600V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 23000pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package Package / Case ISOPLUS264?	Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 23000pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? ISOPLUS264?	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 23000pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Vgs(th) (Max) @ Id	5V @ 8mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)625W (Tc)Rds On (Max) @ Id, Vgs78 mOhm @ 41A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS264?Package / CaseISOPLUS264?	Gate Charge (Qg) (Max) @ Vgs	240nC @ 10V
FET Feature - Power Dissipation (Max) 625W (Tc) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Input Capacitance (Ciss) (Max) @ Vds	23000pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 78 mOhm @ 41A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs78 mOhm @ 41A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS264?Package / CaseISOPLUS264?	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Power Dissipation (Max)	625W (Tc)
Mounting Type Through Hole Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Rds On (Max) @ Id, Vgs	78 mOhm @ 41A, 10V
Supplier Device Package ISOPLUS264? Package / Case ISOPLUS264?	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case ISOPLUS264?	Mounting Type	Through Hole
	Supplier Device Package	ISOPLUS264?
Report errors?	Package / Case	ISOPLUS264?
		Report errors?

IXFL82N60P 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.

IXFL82N60P Payment Methods



















IXFL82N60P Shipping Methods













If you have any question about IXFL82N60P, please do not hesitate to contact us!

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