



IXFP230N075T2 Information

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For Reference Only

Part Number IXFP230N075T2

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 75V 230A

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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IXFP230N075T2 Specifications

Manufacturer Part Number IXFP230N075T2 Manufacturer IXYS Category Discrete Semiconductor Products		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series HiPerFET?, TrenchT2? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75 V Current - Continuous Drain (Id) @ 25°C 230A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ ImA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 10500pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220AB	Manufacturer Part Number	IXFP230N075T2
Package TO-220-3 Series HiPerFET?, TrenchT2? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 230A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ ImA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 10500pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Manufacturer	IXYS
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SeriesHiPerFET?, TrenchT2?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75 VCurrent - Continuous Drain (Id) @ 25°C230A (Tc)Drive Voltage (Max Rds On, Min Rds On)10 VVgs(th) (Max) @ Id4V @ 1mAGate Charge (Qg) (Max) @ Vgs178nC @ 10 VInput Capacitance (Ciss) (Max) @ Vds10500pF @ 25 VVgs (Max)-FET Feature-Power Dissipation (Max)480W (Tc)Rds On (Max) @ Id, Vgs4.2 mOhm @ 50A, 10 VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 230A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 10500pF @ 25V Vgs (Max) - FET Feature Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature 55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package 70-220AB Package / Case	Package	TO-220-3
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature - Supplier Device Package Package / Case MOSFET (Metal Oxide) 75V 230A (Tc) 10V 44V @ 1mA 4V @ 1mA 4V @ 1mA 4V @ 10V 10500pF @ 25V 4V @ 10V 10500pF @ 25V 480W (Tc) Through Hole Through Hole TO-220AB Package / Case	Series	HiPerFET?, TrenchT2?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 230A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max)	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature Supplier Device Package Package / Case 230A (Tc) 230A (Tc) 230A (Tc) 230A (Tc) 230A (Tc) 240 4V @ 1mA 4V @ 1mV 4V @	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature Supplier Device Package Package / Case TO-220AB TO-220-3	Drain to Source Voltage (Vdss)	75V
Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 10500pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Current - Continuous Drain (Id) @ 25°C	230A (Tc)
Gate Charge (Qg) (Max) @ Vgs 178nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 10500pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Vgs(th) (Max) @ Id	4V @ 1mA
Vgs (Max)	Gate Charge (Qg) (Max) @ Vgs	178nC @ 10V
FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Input Capacitance (Ciss) (Max) @ Vds	10500pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.2 mOhm @ 50A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Vgs (Max)	-
Rds On (Max) @ Id, Vgs4.2 mOhm @ 50A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Power Dissipation (Max)	480W (Tc)
Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Rds On (Max) @ Id, Vgs	4.2 mOhm @ 50A, 10V
Supplier Device Package TO-220AB Package / Case TO-220-3	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
	Supplier Device Package	TO-220AB
Report errors?	Package / Case	TO-220-3
		Report errors?

IXFP230N075T2 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.

IXFP230N075T2 Payment Methods



















IXFP230N075T2 Shipping Methods













If you have any question about IXFP230N075T2, please do not hesitate to contact us!

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