



IXTR200N10P Information

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For Reference Only

Part Number IXTR200N10P

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 120A 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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IXTR200N10P Specifications

Manufacturer Part Number IXTR200N10P Manufacturer IXYS Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package ISOPLUS247? Series HiPerFET?, PolarP2? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 120A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 500µA Gate Charge (Qg) (Max) @ Vgs 235nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 300W (Tc) Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?		
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C120A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 500μAGate Charge (Qg) (Max) @ Vgs235nC @ 10VInput Capacitance (Ciss) (Max) @ Vds7600pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)300W (Tc)Rds On (Max) @ Id, Vgs8 mOhm @ 60A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247?	Package	ISOPLUS247?
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Drain to Source Voltage (Vdss)100 VCurrent - Continuous Drain (Id) @ 25°C120 A (Tc)Drive Voltage (Max Rds On, Min Rds On)10 VVgs(th) (Max) @ Id5 V @ 500μAGate Charge (Qg) (Max) @ Vgs235nC @ 10 VInput Capacitance (Ciss) (Max) @ Vds7600pF @ 25 VVgs (Max)±20 VFET Feature-Power Dissipation (Max)300W (Tc)Rds On (Max) @ Id, Vgs8 mOhm @ 60 A, 10 VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247?	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C120A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 500μAGate Charge (Qg) (Max) @ Vgs235nC @ 10VInput Capacitance (Ciss) (Max) @ Vds7600pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)300W (Tc)Rds On (Max) @ Id, Vgs8 mOhm @ 60A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247?	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 500μAGate Charge (Qg) (Max) @ Vgs235nC @ 10VInput Capacitance (Ciss) (Max) @ Vds7600pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)300W (Tc)Rds On (Max) @ Id, Vgs8 mOhm @ 60A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247?	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 7600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 300W (Tc) Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case	Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 7600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 7600pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Vgs(th) (Max) @ Id	5V @ 500μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)300W (Tc)Rds On (Max) @ Id, Vgs8 mOhm @ 60A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247?	Gate Charge (Qg) (Max) @ Vgs	235nC @ 10V
FET Feature - Graduate	Input Capacitance (Ciss) (Max) @ Vds	7600pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs 8 mOhm @ 60A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Power Dissipation (Max)	300W (Tc)
Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Rds On (Max) @ Id, Vgs	8 mOhm @ 60A, 10V
Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247?	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case ISOPLUS247?	Mounting Type	Through Hole
	Supplier Device Package	ISOPLUS247?
Report errors?	Package / Case	ISOPLUS247?
		Report errors?

IXTR200N10P 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.

IXTR200N10P Payment Methods



















IXTR200N10P Shipping Methods













If you have any question about IXTR200N10P, please do not hesitate to contact us!

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