



## **IXFN30N110P Information**

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Part Number IXFN30N110P

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 1100V 25A SOT-227B

Package SOT-227-4, miniBLOC

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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# **IXFN30N110P Specifications**

Manufacturer Part Number         IXFN30N110P           Manufacturer         IXYS           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         SOT-227-4, miniBLOC           Series         Polar?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         1100V           Current - Continuous Drain (Id) @ 25°C         25A           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         6.5V @ ImA           Gate Charge (Qg) (Max) @ Vgs         235nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         13600pF @ 25V           Vgs (Max)         239V           FET Feature         -           Power Dissipation (Max)         695W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 15A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Chassis Mount           Supplier Device Package         SOT-227B           Package / Case         SOT-227-4, miniBLOC		
Category  Biscrete Semiconductor Products Transistors - FETs, MOSFETs - Single  SOT-227-4, miniBLOC  Series  Polar?  FET Type  N-Channel  Technology  MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss)  1100V  Current - Continuous Drain (Id) @ 25°C  25A  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  13600pF @ 25V  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  360 mOhm @ 15A, 10V  Operating Temperature  Mounting Type  Chassis Mount  SUT-227-4, miniBLOC	Manufacturer Part Number	IXFN30N110P
Package         SOT-227-4, miniBLOC           Series         Polar?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         1100V           Current - Continuous Drain (Id) @ 25°C         25A           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         6.5V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         235nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         13600pF @ 25V           Vgs (Max)         ±30V           FET Feature         -           Power Dissipation (Max)         695W (Tc)           Rds On (Max) @ Id, Vgs         360 mOhm @ 15A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Chassis Mount           Supplier Device Package         SOT-227B           Package / Case         SOT-227-4, miniBLOC	Manufacturer	IXYS
PackageSOT-227-4, miniBLOCSeriesPolar?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)1100VCurrent - Continuous Drain (Id) @ 25°C25ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id6.5V @ ImAGate Charge (Qg) (Max) @ Vgs235nC @ 10VInput Capacitance (Ciss) (Max) @ Vds13600pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)695W (Tc)Rds On (Max) @ Id, Vgs360 mOhm @ 15A, 10VOperating Temperature-55°C ~ 150°C (Tl)Mounting TypeChassis MountSupplier Device PackageSOT-227BPackage / CaseSOT-227-4, miniBLOC	Category	Discrete Semiconductor Products
SeriesPolar?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)1100VCurrent - Continuous Drain (Id) @ 25°C25ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id6.5V @ ImAGate Charge (Qg) (Max) @ Vgs235nC @ 10VInput Capacitance (Ciss) (Max) @ Vds13600pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)695W (Tc)Rds On (Max) @ Id, Vgs360 mOhm @ 15A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227BPackage / CaseSOT-227-4, miniBLOC		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 1100V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 6.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 235nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 695W (Tc) Rds On (Max) @ Id, Vgs 360 mOhm @ 15A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227B Package / Case SOT-227B	Package	SOT-227-4, miniBLOC
Technology  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  25A  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 Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Supplier Device Package  Package / Case  MOSFET (Metal Oxide)  1100V  25A  1100V  25A  25A  10V  6.5V @ 1mA  6.5V @ 1mA  13600pF @ 25V  235nC @ 10V  13600pF @ 25V  230V  50F (Tc)  360 mOhm @ 15A, 10V  Chassis Mount  Supplier Device Package  SOT-227B  Package / Case	Series	Polar?
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  25A  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 Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Supplier Device Package  Package / Case  1100V  25A  25A  25B  25A  10V  10V  10V  10V  10V  10V  110V  10V  110V  110V	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C  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 Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Supplier Device Package  Package / Case  25A  25A  25A  10V  25M  6.5V @ 1mA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  6.5V @ 1mA  Gate Charge (Qg) (Max) @ Vgs  13600pF @ 25V  Vgs (Max)  ET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Supplier Device Package  Package / Case  10V  13600pF @ 25V  235nC @ 10V  13600pF @ 25V  25V  25V  25V  25V  25V  25V  25V	Drain to Source Voltage (Vdss)	1100V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 13600pF @ 25V Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max)  FET Feature - Power Dissipation (Max) 695W (Tc) Rds On (Max) @ Id, Vgs 360 mOhm @ 15A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package Package / Case SOT-227B SOT-227-4, miniBLOC	Current - Continuous Drain (Id) @ 25°C	25A
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  13600pF @ 25V  Vgs (Max)  ±30V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  360 mOhm @ 15A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Chassis Mount  Supplier Device Package  Package / Case  SOT-227B  SOT-227-4, miniBLOC	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  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Chassis Mount  Supplier Device Package  Package / Case  SOT-227-4, miniBLOC	Vgs(th) (Max) @ Id	6.5V @ 1mA
Vgs (Max) ±30V  FET Feature -  Power Dissipation (Max) 695W (Tc)  Rds On (Max) @ Id, Vgs 360 mOhm @ 15A, 10V  Operating Temperature -55°C ~ 150°C (TJ)  Mounting Type Chassis Mount  Supplier Device Package SOT-227B  Package / Case SOT-227-4, miniBLOC	Gate Charge (Qg) (Max) @ Vgs	235nC @ 10V
FET Feature - Power Dissipation (Max) 695W (Tc) Rds On (Max) @ Id, Vgs 360 mOhm @ 15A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227B Package / Case SOT-227-4, miniBLOC	Input Capacitance (Ciss) (Max) @ Vds	13600pF @ 25V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  360 mOhm @ 15A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Chassis Mount  Supplier Device Package  SOT-227B  Package / Case  SOT-227-4, miniBLOC	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs360 mOhm @ 15A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227BPackage / CaseSOT-227-4, miniBLOC	FET Feature	-
Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Chassis Mount  Supplier Device Package  SOT-227B  Package / Case  SOT-227-4, miniBLOC	Power Dissipation (Max)	695W (Tc)
Mounting Type Chassis Mount Supplier Device Package SOT-227B Package / Case SOT-227-4, miniBLOC	Rds On (Max) @ Id, Vgs	360 mOhm @ 15A, 10V
Supplier Device Package SOT-227B Package / Case SOT-227-4, miniBLOC	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case SOT-227-4, miniBLOC	Mounting Type	Chassis Mount
	Supplier Device Package	SOT-227B
Report errors?	Package / Case	SOT-227-4, miniBLOC
		Report errors?

### **IXFN30N110P 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.

## **IXFN30N110P Payment Methods**





















## **IXFN30N110P Shipping Methods**













If you have any question about IXFN30N110P, please do not hesitate to contact us!

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