



IXFA110N15T2 Information



For Reference Only

Part Number IXFA110N15T2

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 150V 110A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

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



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IXFA110N15T2 Specifications

Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series TrenchT2? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 150V Current - Continuous Drain (Id) @ 25°C 110A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 150nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA)		
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)150VCurrent - Continuous Drain (Id) @ 25°C110A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 250μAGate Charge (Qg) (Max) @ Vgs150nC @ 10VInput Capacitance (Ciss) (Max) @ Vds8600pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)480W (Tc)Rds On (Max) @ Id, Vgs13 mOhm @ 500mA, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-263 (IXFA)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Series	TrenchT2?
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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case 110A (Tc) 11	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 110A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 150nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4.5V @ 250 μ A Gate Charge (Qg) (Max) @ Vgs 150nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	150V
Vgs(th) (Max) @ Id 4.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 150nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	110A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case 150nC @ 10V 8600pF @ 25V ±20V FET Feature -7000 -7000 -7000 TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 8600pF @ 25V Vgs (Max) #20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	4.5V @ 250μA
Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	150nC @ 10V
FET Feature - Power Dissipation (Max) 480W (Tc) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	8600pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs 13 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	480W (Tc)
Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	13 mOhm @ 500mA, 10V
Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Supplier Device Package	TO-263 (IXFA)
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
*		Report errors?

IXFA110N15T2 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.

IXFA110N15T2 Payment Methods





















IXFA110N15T2 Shipping Methods













If you have any question about IXFA110N15T2, please do not hesitate to contact us!

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