



IXTK120N25P

Manufacturer Part Number:	IXTK120N25P
Manufacturer / Brand:	IXYS Corporation
Part of Description:	MOSFET N-CH 250V 120A TO-264
Datasheets:	IXTK120N25P.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 20000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of IXTK120N25P

Part Number	IXTK120N25P	Manufacturer / Brand	IXYS Corporation
Series	PolarHT™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-264-3, TO-264AA	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-264 (IXTK)
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 250V 120A (Tc) 700W (Tc) Through Hole TO-264 (IXTK)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	700W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	250V	Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Rds On (Max) @ Id, Vgs	24 mOhm @ 60A, 10V	Vgs(th) (Max) @ Id	5V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	185nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	8000pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Stock Quantity	20000 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 250V 120A TO-264	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to IXTK120N25P

IXYS Corporation IXTK120N25P	IXTK120N25P part	IXTK120N25P Price	IXTK120N25P Distributor
IXTK120N25P Technical	IXTK120N25P Stock	IXTK120N25P Inventory	IXTK120N25P Supplier
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