

IXFK220N20X3



Part Number: [IXFK220N20X3](#)
Manufacturer: [IXYS Corporation](#)
Description: 200V/220A ULTRA JUNCTION X3-CLAS
Data sheet: [IXFx220N20X3\(HV\)](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER

Part Number	IXFK220N20X3
Manufacturer	IXYS Corporation
Description	200V/220A ULTRA JUNCTION X3-CLAS
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6443 pcs
Product Photo	IXFK220N20X3.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4.5V @ 4mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-264
Series	HiPerFET™
Rds On (Max) @ Id, Vgs	6.2 mOhm @ 110A, 10V
Power Dissipation (Max)	960W (Tc)
Package / Case	TO-264-3, TO-264AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	13600pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	204nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	200V
Detailed Description	N-Channel 200V 220A (Tc) 960W (Tc) Through Hole TO-264
Current - Continuous Drain (Id) @ 25°C	220A (Tc)

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	Part#: IXFK220N15P Description: MOSFET N-CH 150V 220A TO-264	Manufacturers: IXYS Corporation In Stock: 5054	RFQ
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	Part#: IXFK21N100Q Description: MOSFET N-CH 1000V 21A TO-264	Manufacturers: IXYS Corporation In Stock: 4249	RFQ
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