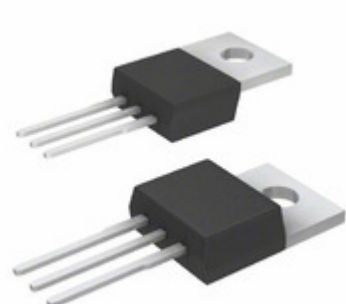


IXTP48N20T



Part Number: [IXTP48N20T](#)

Manufacturer: [IXYS Corporation](#)

Description: MOSFET N-CH 200V 48A TO-220

Data sheet: [IXT\(A,P\)48N20T](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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[Request For Quotation](#)

PRODUCT PARAMETER

Part Number	IXTP48N20T
Manufacturer	IXYS Corporation
Description	MOSFET N-CH 200V 48A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	52608 pcs
Product Photo	IXTP48N20T.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4.5V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220AB
Series	TrenchMV™
Rds On (Max) @ Id, Vgs	50 mOhm @ 24A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Operating Temperature	-55°C ~ 175°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	3000pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	60nC @ 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 48A (Tc) 250W (Tc) Through Hole TO-220AB
Current - Continuous Drain (Id) @ 25°C	48A (Tc)

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	Part#: IXTP48P05T Description: MOSFET P-CH 50V 48A TO-220	Manufacturers: IXYS Corporation In Stock: 39868	RFQ
	Part#: IXTP50N20PM Description: MOSFET N-CH 200V 20A TO-220	Manufacturers: IXYS Corporation In Stock: 22550	RFQ
	Part#: IXTP450P2 Description: MOSFET N-CH 500V 16A TO220AB	Manufacturers: IXYS Corporation In Stock: 54921	RFQ
	Part#: IXTP42N15T Description: MOSFET N-CH 150V 42A TO-220	Manufacturers: IXYS Corporation In Stock: 42001	RFQ
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	Part#: IXTP50N25T Description: MOSFET N-CH 250V 50A TO-220	Manufacturers: IXYS In Stock: 46897	RFQ

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