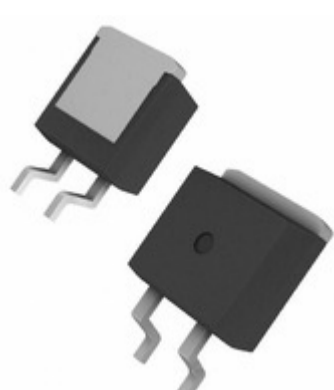


IXFT120N25X3HV



Part Number: [IXFT120N25X3HV](#)
Manufacturer: [IXYS Corporation](#)
Description: 250V/120A ULTRA JUNCTION X3-CLAS
Data sheet: [IXFx120N25X3, IXFT120N25X3HV](#)

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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PRODUCT PARAMETER

Part Number	IXFT120N25X3HV
Manufacturer	IXYS Corporation
Description	250V/120A ULTRA JUNCTION X3-CLAS
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12868 pcs
Product Photo	IXFT120N25X3HV.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4.5V @ 4mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-268HV
Series	HiPerFET™
Rds On (Max) @ Id, Vgs	12 mOhm @ 60A, 10V
Power Dissipation (Max)	520W (Tc)
Packaging	Tube
Package / Case	TO-268-3, D ³ Pak (2 Leads + Tab), TO-268AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	7870pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	122nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	250V
Detailed Description	N-Channel 250V 120A (Tc) 520W (Tc) Surface Mount TO-268HV
Current - Continuous Drain (Id) @ 25°C	120A (Tc)

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	Part#: IXFR80N50P Description: MOSFET N-CH 500V 45A ISOPLUS247	Manufacturers: IXYS Corporation In Stock: 5440	RFQ
	Part#: IXFT120N30X3HV Description: 300V/120A ULTRA JUNCTION X3-CLAS	Manufacturers: IXYS Corporation In Stock: 9685	RFQ
	Part#: IXFT140N20X3HV Description: 200V/140A ULTRA JUNCTION X3-CLAS	Manufacturers: IXYS Corporation In Stock: 10476	RFQ
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