

IXFK66N85X



Part Number: [IXFK66N85X](#)
Manufacturer: [IXYS Corporation](#)
Description: 850V/66A ULTRA JUNCTION X-CLASS
Data sheet: [IXFK66N85X](#), [IXFK66N85X](#)

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	IXFK66N85X
Manufacturer	IXYS Corporation
Description	850V/66A ULTRA JUNCTION X-CLASS
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4801 pcs
Product Photo	IXFK66N85X.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	5.5V @ 8mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-264
Series	HiPerFET™
Rds On (Max) @ Id, Vgs	65 mOhm @ 500mA, 10V
Power Dissipation (Max)	1250W (Tc)
Packaging	Tube
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	8900pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	230nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	850V
Detailed Description	N-Channel 850V 66A (Tc) 1250W (Tc) Through Hole TO-264
Current - Continuous Drain (Id) @ 25°C	66A (Tc)

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	Part#: IXFK74N50P2 Description: MOSFET N-CH 500V 74A TO264	Manufacturers: IXYS Corporation In Stock: 7578	RFQ
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	Part#: IXFK64N50Q3 Description: MOSFET N-CH 500V 64A TO-264	Manufacturers: IXYS Corporation In Stock: 5273	RFQ
	Part#: IXFK64N50P Description: MOSFET N-CH 500V 64A TO-264	Manufacturers: IXYS Corporation In Stock: 10030	RFQ

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