



IC Components Limited

IXTK170N10P

Manufacturer Part Number:	IXTK170N10P
Manufacturer / Brand	IXYS Corporation
Part of Description:	MOSFET N-CH 100V 170A TO-264
Datasheets:	IXTK170N10P.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 IXTK170N10P

Part Number	IXTK170N10P	Manufacturer / Brand	IXYS Corporation
Series	Polar™	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 100V 170A (Tc) 715W (Tc) Through Hole TO-264 (IXTK)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	715W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	170A (Tc)
Rds On (Max) @ Id, Vgs	9 mOhm @ 500mA, 10V	Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	198nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	6000pF @ 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 100V 170A TO-264	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to IXTK170N10P

IXYS Corporation IXTK170N10P	IXTK170N10P part	IXTK170N10P Price	IXTK170N10P Distributor
IXTK170N10P Technical	IXTK170N10P Stock	IXTK170N10P Inventory	IXTK170N10P Supplier
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<p>IXTK250N10 Description: MOSFET N-CH 100V 250A TO-264AA Manufacturers: IXYS Corporation In Stock: New original, 3600 pcs Stock Available. Quote: RFQ</p>	<p>IXTK180N15P Description: MOSFET N-CH 150V 180A TO-264 Manufacturers: IXYS Corporation In Stock: New original, 20000 pcs Stock Available. Quote: RFQ</p>	<p>IXTH98N20T Description: MOSFET N-CH 200V 98A TO-247 Manufacturers: IXYS Corporation In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>
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