

IXTT140N10P



Part Number: [IXTT140N10P](#)
Manufacturer: [IXYS Corporation](#)
Description: MOSFET N-CH 100V 140A TO-268
Data sheet: [IXT\(Q,T\)140N10P](#)

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	IXTT140N10P
Manufacturer	IXYS Corporation
Description	MOSFET N-CH 100V 140A TO-268
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20013 pcs
Product Photo	IXTT140N10P.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-268
Series	PolarHT™
Rds On (Max) @ Id, Vgs	11 mOhm @ 70A, 10V
Power Dissipation (Max)	600W (Tc)
Packaging	Tube
Package / Case	TO-268-3, D ³ Pak (2 Leads + Tab), TO-268AA
Operating Temperature	-55°C ~ 175°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	4700pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	155nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V, 15V
Drain to Source Voltage (Vdss)	100V
Detailed Description	N-Channel 100V 140A (Tc) 600W (Tc) Surface Mount TO-268
Current - Continuous Drain (Id) @ 25°C	140A (Tc)

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	Part#: IXTT10P50 Description: MOSFET P-CH 500V 10A TO-268	Manufacturers: IXYS Corporation In Stock: 7041	RFQ
	Part#: IXTT120N15P Description: MOSFET N-CH 150V 120A TO-268	Manufacturers: IXYS Corporation In Stock: 14572	RFQ
	Part#: IXTT170N10P Description: MOSFET N-CH 100V 170A TO-268	Manufacturers: IXYS Corporation In Stock: 12252	RFQ
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