

IXTT100N25P Datasheet

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	Manufacturer
Manufacturer F	Product Number

DiGi Electronics Part Number

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Description

Detailed Description

IXTT100N25P-DG

IXYS

IXTT100N25P

MOSFET N-CH 250V 100A TO268

N-Channel 250 V 100A (Tc) 600W (Tc) Surface Moun t TO-268AA

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXTT100N25P	IXYS
Series:	Product Status:
Polar	Active
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
250 V	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	24mOhm @ 50A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
5V @ 250μΑ	185 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±20V	6300 pF @ 25 V
FET Feature:	Power Dissipation (Max):
-	600W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Surface Mount
Supplier Device Package:	Package / Case:
TO-268AA	TO-268-3, D ³ Pak (2 Leads + Tab), TO-268AA
Base Product Number:	
IXTT100	

Environmental & Export classification

RoHS Status:	Moisture Sensitivity Level (MSL):
ROHS3 Compliant	1 (Unlimited)
REACH Status:	ECCN:
REACH Unaffected	EAR99
HTSUS:	
8541.29.0095	



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