

IXTM40N30 Datasheet



Expertise Applied Answers Delivered

DiGi Electronics Part Number

Manufacturer IXYS

Manufacturer Product Number

Description

Detailed Description

IXTM40N30-DG

IXTM40N30

MOSFET N-CH 300V 40A TO204AE

N-Channel 300 V 40A (Tc) 300W (Tc) Through Hole TO-204AE

https://www.DiGi-Electronics.com



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RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXTM40N30	IXYS
Series:	Product Status:
GigaMOS™	Obsolete
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
300 V	40A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	88mOhm @ 20A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
4V @ 250μΑ	220 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±20V	4600 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	300W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
TO-204AE	TO-204AE
Base Product Number:	
IXTM40	

Environmental & Export classification

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



OUR CERTIFICATE

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