

# IXTM40N30 Datasheet



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DiGi Electronics Part Number	IXTM40N30-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTM40N30
Description	MOSFET N-CH 300V 40A TO204AE
Detailed Description	N-Channel 300 V 40A (Tc) 300W (Tc) Through Hole TO-204AE



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## Purchase and inquiry

Manufacturer Product Number:

IXTM40N30

Series:

GigaMOS™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

300 V

Drive Voltage (Max Rds On, Min Rds On):

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-204AE

Base Product Number:

IXTM40

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

40A (Tc)

Rds On (Max) @ Id, Vgs:

88mOhm @ 20A, 10V

Gate Charge (Qg) (Max) @ Vgs:

220 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

4600 pF @ 25 V

Power Dissipation (Max):

300W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-204AE

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99



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