

IXFT86N30T Datasheet

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DiGi Electronics Part Number	IXFT86N30T-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFT86N30T
Description	MOSFET N-CH 300V 86A TO268
Detailed Description	N-Channel 300 V 86A (Tc) 860W (Tc) Surface Mount TO-268AA



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Purchase and inquiry

Manufacturer Product Number:

IXFT86N30T

Series:

HiPerFET™, Trench

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

300 V

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

10V

Vgs(th) (Max) @ Id:

5V @ 4mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-268AA

Base Product Number:

IXFT86

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

86A (Tc)

Rds On (Max) @ Id, Vgs:

43mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

180 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

11300 pF @ 25 V

Power Dissipation (Max):

860W (Tc)

Mounting Type:

Surface Mount

Package / Case:TO-268-3, D³Pak (2 Leads + Tab), TO-268AA

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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