

# IXFH28N50Q Datasheet



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|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | IXFH28N50Q-DG   |
| Manufacturer                 | <a href="#">IXYS</a>  |
| Manufacturer Product Number  | IXFH28N50Q  |
| Description                  | MOSFET N-CH 500V 28A TO247AD                                    |
| Detailed Description         | N-Channel 500 V 28A (Tc) 375W (Tc) Through Hole TO-247AD (IXFH) |



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## Purchase and inquiry

Manufacturer Product Number:

IXFH28N50Q

Series:

HiPerFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

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

10V

Vgs(th) (Max) @ Id:

4.5V @ 4mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-247AD (IXFH)

Base Product Number:

IXFH28

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

28A (Tc)

Rds On (Max) @ Id, Vgs:

200mOhm @ 14A, 10V

Gate Charge (Qg) (Max) @ Vgs:

94 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

3000 pF @ 25 V

Power Dissipation (Max):

375W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3

## Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.29.0095

ECCN:

EAR99



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