

IXFH6N120 Datasheet



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DiGi Electronics Part Number	IXFH6N120-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFH6N120
Description	MOSFET N-CH 1200V 6A TO247AD
Detailed Description	N-Channel 1200 V 6A (Tc) 300W (Tc) Through Hole TO-247AD (IXFH)



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Purchase and inquiry

Manufacturer Product Number:

IXFH6N120

Series:

HiPerFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

1200 V

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

10V

Vgs(th) (Max) @ Id:

5V @ 2.5mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-247AD (IXFH)

Base Product Number:

IXFH6

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

6A (Tc)

Rds On (Max) @ Id, Vgs:

2.60hm @ 3A, 10V

Gate Charge (Qg) (Max) @ Vgs:

56 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

1950 pF @ 25 V

Power Dissipation (Max):

300W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3

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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