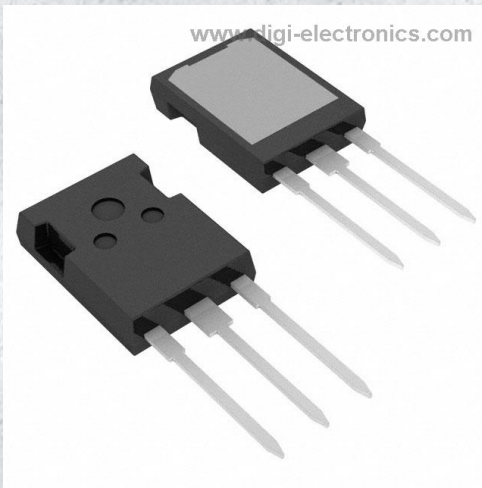


IXFX55N50 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	IXFX55N50-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFX55N50
Description	MOSFET N-CH 500V 55A PLUS247-3
Detailed Description	N-Channel 500 V 55A (Tc) 625W (Tc) Through Hole PLUS247™-3



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXFX55N50

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 @ 8mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

PLUS247™-3

Base Product Number:

IXFX55

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

55A (Tc)

Rds On (Max) @ Id, Vgs:

80mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

330 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

9400 pF @ 25 V

Power Dissipation (Max):

625W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3 Variant

Environmental & Export classification

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

ECCN:

EAR99

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