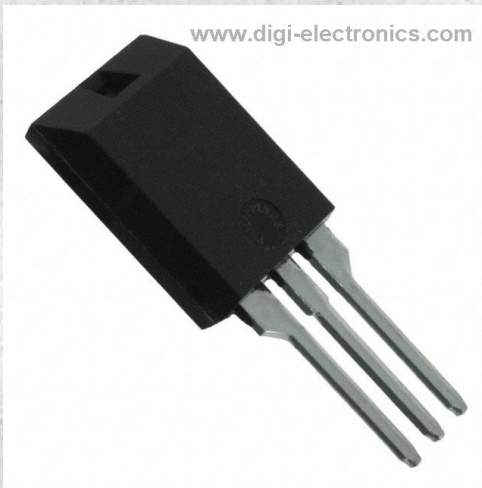


IXFC52N30P Datasheet



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

DiGi Electronics Part Number	IXFC52N30P-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFC52N30P
Description	MOSFET N-CH 300V 24A ISOPLUS220
Detailed Description	N-Channel 300 V 24A (Tc) 100W (Tc) Through Hole ISOPLUS220™



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXFC52N30P

Series:

PolarHT™ HiPerFET™

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:

ISOPLUS220™

Base Product Number:

IXFC52N30

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

24A (Tc)

Rds On (Max) @ Id, Vgs:

75mOhm @ 26A, 10V

Gate Charge (Qg) (Max) @ Vgs:

110 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

3490 pF @ 25 V

Power Dissipation (Max):

100W (Tc)

Mounting Type:

Through Hole

Package / Case:

ISOPLUS220™

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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