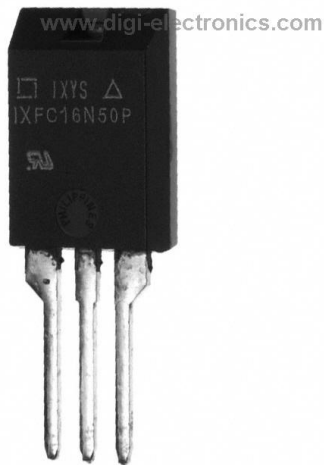


# IXFC16N50P Datasheet



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

DiGi Electronics Part Number	IXFC16N50P-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXFC16N50P
Description	MOSFET N-CH 500V 10A ISOPLUS220
Detailed Description	N-Channel 500 V 10A (Tc) 125W (Tc) Through Hole ISOPLUS220™



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## Purchase and inquiry

Manufacturer Product Number:

IXFC16N50P

Series:

HiPerFET™, PolarHT™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

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

10V

Vgs(th) (Max) @ Id:

5.5V @ 2.5mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

ISOPLUS220™

Base Product Number:

IXFC16N50

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

10A (Tc)

Rds On (Max) @ Id, Vgs:

450mOhm @ 8A, 10V

Gate Charge (Qg) (Max) @ Vgs:

43 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2250 pF @ 25 V

Power Dissipation (Max):

125W (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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