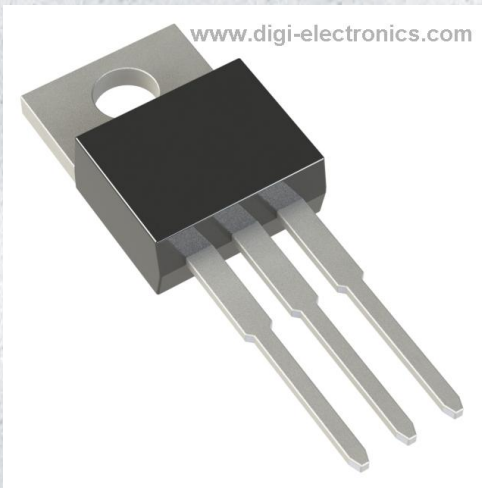


IXTP16N50P Datasheet



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

DiGi Electronics Part Number	IXTP16N50P-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTP16N50P
Description	MOSFET N-CH 500V 16A TO220AB
Detailed Description	N-Channel 500 V 16A (Tc) 300W (Tc) Through Hole TO-220-3



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RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXTP16N50P

Series:

Polar

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 @ 250 μ A

Vgs (Max):

\pm 30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220-3

Base Product Number:

IXTP16

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

16A (Tc)

Rds On (Max) @ Id, Vgs:

400mOhm @ 8A, 10V

Gate Charge (Qg) (Max) @ Vgs:

43 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2250 pF @ 25 V

Power Dissipation (Max):

300W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3

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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