

IXFK80N50P Datasheet



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

DiGi Electronics Part Number	IXFK80N50P-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFK80N50P
Description	MOSFET N-CH 500V 80A TO264AA
Detailed Description	N-Channel 500 V 80A (Tc) 1040W (Tc) Through Hole TO-264AA (IXFK)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

IXFK80N50P

Series:

HiPerFET™, 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:

5V @ 8mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-264AA (IXFK)

Base Product Number:

IXFK80

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

80A (Tc)

Rds On (Max) @ Id, Vgs:

65mOhm @ 40A, 10V

Gate Charge (Qg) (Max) @ Vgs:

197 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

12700 pF @ 25 V

Power Dissipation (Max):

1040W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-264-3, TO-264AA

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: Info@DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.