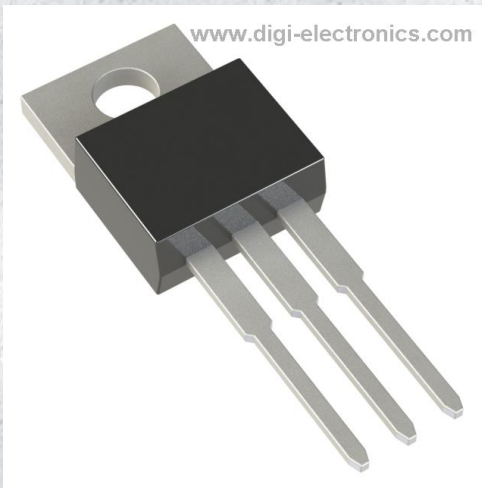


IXFP24N60X Datasheet



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

| | |
|------------------------------|--|
| DiGi Electronics Part Number | IXFP24N60X-DG |
| Manufacturer | IXYS |
| Manufacturer Product Number | IXFP24N60X |
| Description | MOSFET N-CH 600V 24A TO220AB |
| Detailed Description | N-Channel 600 V 24A (Tc) 400W (Tc) Through Hole TO-220-3 |



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Purchase and inquiry

Manufacturer Product Number:

IXFP24N60X

Series:

HiPerFET™, Ultra X

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

600 V

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

10V

Vgs(th) (Max) @ Id:

4.5V @ 2.5mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220-3

Base Product Number:

IXFP24

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

24A (Tc)

Rds On (Max) @ Id, Vgs:

175mOhm @ 12A, 10V

Gate Charge (Qg) (Max) @ Vgs:

47 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

1910 pF @ 25 V

Power Dissipation (Max):

400W (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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