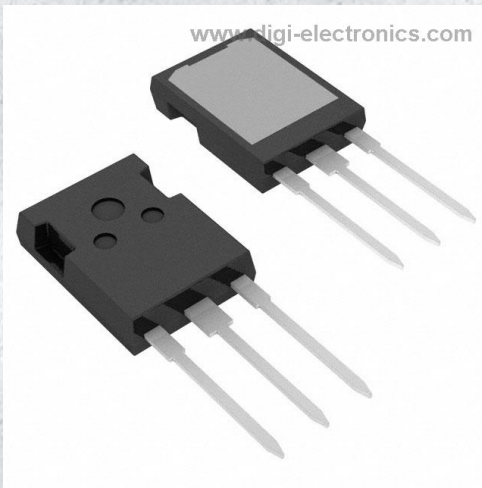


IXTX5N250 Datasheet



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

DiGi Electronics Part Number	IXTX5N250-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTX5N250
Description	MOSFET N-CH 2500V 5A PLUS247-3
Detailed Description	N-Channel 2500 V 5A (Tc) 960W (Tc) Through Hole PLUS247™-3



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXTX5N250

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

2500 V

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

10V

Vgs(th) (Max) @ Id:

5V @ 1mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

PLUS247™-3

Base Product Number:

IXTX5

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

5A (Tc)

Rds On (Max) @ Id, Vgs:

8.80hm @ 2.5A, 10V

Gate Charge (Qg) (Max) @ Vgs:

200 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

8560 pF @ 25 V

Power Dissipation (Max):

960W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3 Variant

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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