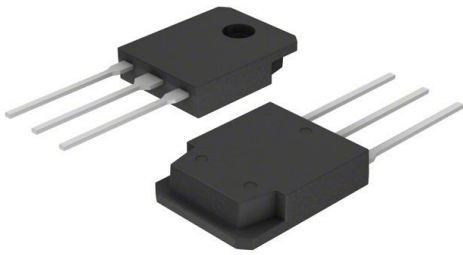


IXTH6N90A Datasheet

www.digi-electronics.com



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

DiGi Electronics Part Number	IXTH6N90A-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTH6N90A
Description	MOSFET N-CH 900V 6A TO247
Detailed Description	N-Channel 900 V 6A (Tc) 180W (Tc) Through Hole T O-247 (IXTH)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXTH6N90A

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

900 V

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

10V

Vgs(th) (Max) @ Id:

4.5V @ 250 μ A

Vgs (Max):

\pm 20V

FET Feature:

-

Operating Temperature:

-55 $^{\circ}$ C ~ 150 $^{\circ}$ C (Tj)

Supplier Device Package:

TO-247 (IXTH)

Base Product Number:

IXTH6

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25 $^{\circ}$ C:

6A (Tc)

Rds On (Max) @ Id, Vgs:

1.40hm @ 3A, 10V

Gate Charge (Qg) (Max) @ Vgs:

130 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2600 pF @ 25 V

Power Dissipation (Max):

180W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3

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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