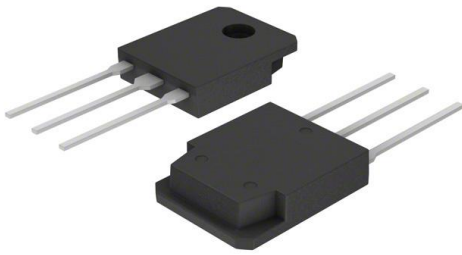


IXTH180N10T Datasheet

www.digi-electronics.com



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

DiGi Electronics Part Number	IXTH180N10T-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTH180N10T
Description	MOSFET N-CH 100V 180A TO247
Detailed Description	N-Channel 100 V 180A (Tc) 480W (Tc) Through Hole TO-247 (IXTH)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXTH180N10T

Series:

Trench

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

100 V

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

10V

Vgs(th) (Max) @ Id:4.5V @ 250 μ A**Vgs (Max):** \pm 30V**FET Feature:**

-

Operating Temperature:-55 $^{\circ}$ C ~ 175 $^{\circ}$ C (Tj)**Supplier Device Package:**

TO-247 (IXTH)

Base Product Number:

IXTH180

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

180A (Tc)

Rds On (Max) @ Id, Vgs:

6.4mOhm @ 25A, 10V

Gate Charge (Qg) (Max) @ Vgs:

151 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

6900 pF @ 25 V

Power Dissipation (Max):

480W (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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