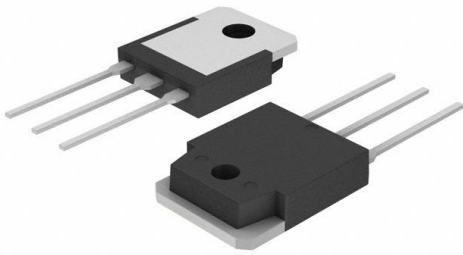


# IXTQ480P2 Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



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

DiGi Electronics Part Number	IXTQ480P2-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTQ480P2
Description	MOSFET N-CH 500V 52A TO3P
Detailed Description	N-Channel 500 V 52A (Tc) 960W (Tc) Through Hole TO-3P



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## Purchase and inquiry

Manufacturer Product Number:

IXTQ480P2

Series:

PolarP2™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

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

10V

Vgs(th) (Max) @ Id:

4.5V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-3P

Base Product Number:

IXTQ480

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

52A (Tc)

Rds On (Max) @ Id, Vgs:

120mOhm @ 26A, 10V

Gate Charge (Qg) (Max) @ Vgs:

108 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

6800 pF @ 25 V

Power Dissipation (Max):

960W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-3P-3, SC-65-3

## 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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