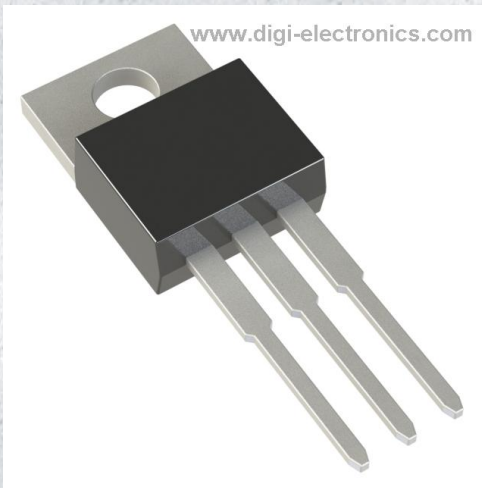


# IXTP460P2 Datasheet



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

DiGi Electronics Part Number	IXTP460P2-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTP460P2
Description	MOSFET N-CH 500V 24A TO220AB
Detailed Description	N-Channel 500 V 24A (Tc) 480W (Tc) Through Hole TO-220-3



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

**Manufacturer Product Number:**

IXTP460P2

**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-220-3

**Base Product Number:**

IXTP460

**Manufacturer:**

IXYS

**Product Status:**

Last Time Buy

**Technology:**

MOSFET (Metal Oxide)

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

24A (Tc)

**Rds On (Max) @ Id, Vgs:**

270mOhm @ 12A, 10V

**Gate Charge (Qg) (Max) @ Vgs:**

48 nC @ 10 V

**Input Capacitance (Ciss) (Max) @ Vds:**

2890 pF @ 25 V

**Power Dissipation (Max):**

480W (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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