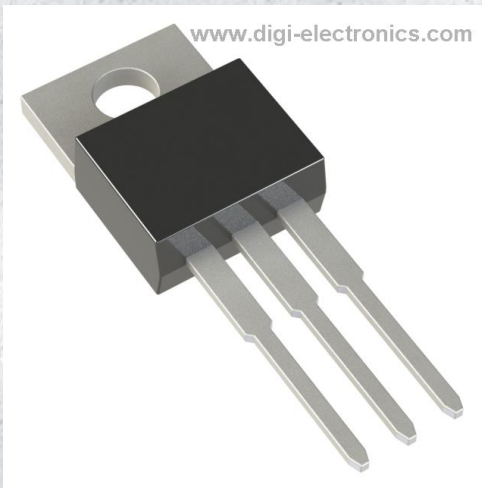


# IXTP1N100 Datasheet



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

DiGi Electronics Part Number	IXTP1N100-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTP1N100
Description	MOSFET N-CH 1000V 1.5A TO220AB
Detailed Description	N-Channel 1000 V 1.5A (Tc) 54W (Tc) Through Hole TO-220-3



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## Purchase and inquiry

**Manufacturer Product Number:**

IXTP1N100

**Series:**

-

**FET Type:**

N-Channel

**Drain to Source Voltage (Vdss):**

1000 V

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

10V

**Vgs(th) (Max) @ Id:**4.5V @ 25 $\mu$ A**Vgs (Max):** $\pm$ 30V**FET Feature:**

-

**Operating Temperature:**

-55°C ~ 150°C (Tj)

**Supplier Device Package:**

TO-220-3

**Base Product Number:**

IXTP1

**Manufacturer:**

IXYS

**Product Status:**

Not For New Designs

**Technology:**

MOSFET (Metal Oxide)

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

1.5A (Tc)

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

110hm @ 1A, 10V

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

14.5 nC @ 10 V

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

400 pF @ 25 V

**Power Dissipation (Max):**

54W (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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