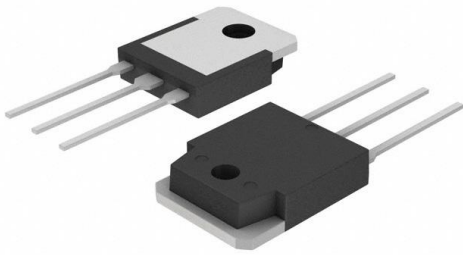


# IXTQ22N60P Datasheet

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

DiGi Electronics Part Number	IXTQ22N60P-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTQ22N60P
Description	MOSFET N-CH 600V 22A TO3P
Detailed Description	N-Channel 600 V 22A (Tc) 400W (Tc) Through Hole TO-3P



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## Purchase and inquiry

**Manufacturer Product Number:**

IXTQ22N60P

**Series:**

Polar

**FET Type:**

N-Channel

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

600 V

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

10V

**Vgs(th) (Max) @ Id:**5.5V @ 250 $\mu$ A**Vgs (Max):** $\pm$ 30V**FET Feature:**

-

**Operating Temperature:**-55 $^{\circ}$ C ~ 150 $^{\circ}$ C (Tj)**Supplier Device Package:**

TO-3P

**Base Product Number:**

IXTQ22

**Manufacturer:**

IXYS

**Product Status:**

Active

**Technology:**

MOSFET (Metal Oxide)

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

22A (Tc)

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

350mOhm @ 11A, 10V

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

62 nC @ 10 V

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

3600 pF @ 25 V

**Power Dissipation (Max):**

400W (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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