

IXTP4N70X2M Datasheet



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DiGi Electronics Part Number	IXTP4N70X2M-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTP4N70X2M
Description	MOSFET N-CH 700V 4A TO220
Detailed Description	N-Channel 700 V 4A (Tc) 30W (Tc) Through Hole TO-220 Isolated Tab



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Purchase and inquiry

Manufacturer Product Number:

IXTP4N70X2M

Series:

Ultra X2

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

700 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°C ~ 150°C (Tj)

Supplier Device Package:

TO-220 Isolated Tab

Base Product Number:

IXTP4

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

4A (Tc)

Rds On (Max) @ Id, Vgs:

850mOhm @ 2A, 10V

Gate Charge (Qg) (Max) @ Vgs:

11.8 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

386 pF @ 25 V

Power Dissipation (Max):

30W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3 Full Pack, Isolated Tab

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

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