

# IXTY8N70X2 Datasheet



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DiGi Electronics Part Number	IXTY8N70X2-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTY8N70X2
Description	MOSFET N-CHANNEL 700V 8A TO252
Detailed Description	N-Channel 700 V 8A (Tc) 150W (Tc) Surface Mount T O-252AA



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## Purchase and inquiry

Manufacturer Product Number:

IXTY8N70X2

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:

5V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-252AA

Base Product Number:

IXTY8

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

8A (Tc)

Rds On (Max) @ Id, Vgs:

500mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

12 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

800 pF @ 10 V

Power Dissipation (Max):

150W (Tc)

Mounting Type:

Surface Mount

Package / Case:

TO-252-3, DPAK (2 Leads + Tab), SC-63

## 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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