

IXTU5N50P Datasheet



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DiGi Electronics Part Number	IXTU5N50P-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTU5N50P
Description	MOSFET N-CH 500V 4.8A TO252
Detailed Description	N-Channel 500 V 4.8A (Tc) 89W (Tc) Surface Mount TO-252AA



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Purchase and inquiry

Manufacturer Product Number:

IXTU5N50P

Series:

Polar

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

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

10V

Vgs(th) (Max) @ Id:

5.5V @ 50µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-252AA

Base Product Number:

IXTU5

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

4.8A (Tc)

Rds On (Max) @ Id, Vgs:

1.40hm @ 2.4A, 10V

Gate Charge (Qg) (Max) @ Vgs:

12.6 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

620 pF @ 25 V

Power Dissipation (Max):

89W (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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