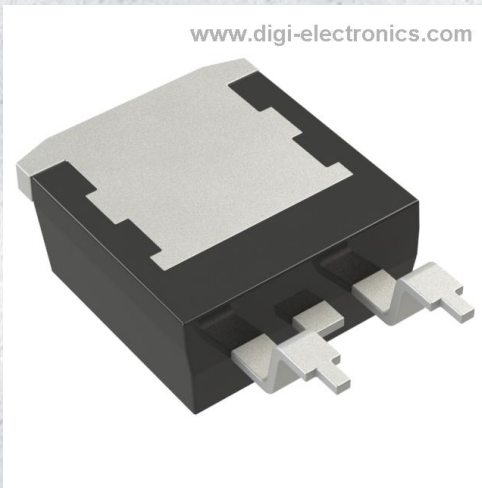


# IXTA8N50P Datasheet



DiGi Electronics Part Number	IXTA8N50P-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTA8N50P
Description	MOSFET N-CH 500V 8A TO263
Detailed Description	N-Channel 500 V 8A (Tc) 150W (Tc) Surface Mount T O-263AA



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## Purchase and inquiry

Manufacturer Product Number:

IXTA8N50P

Series:

PolarHV™

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 @ 100µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-263AA

Base Product Number:

IXTA8

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

8A (Tc)

Rds On (Max) @ Id, Vgs:

800mOhm @ 4A, 10V

Gate Charge (Qg) (Max) @ Vgs:

20 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

1050 pF @ 25 V

Power Dissipation (Max):

150W (Tc)

Mounting Type:

Surface Mount

Package / Case:

TO-263-3, D2PAK (2 Leads + Tab), TO-263AB

## Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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