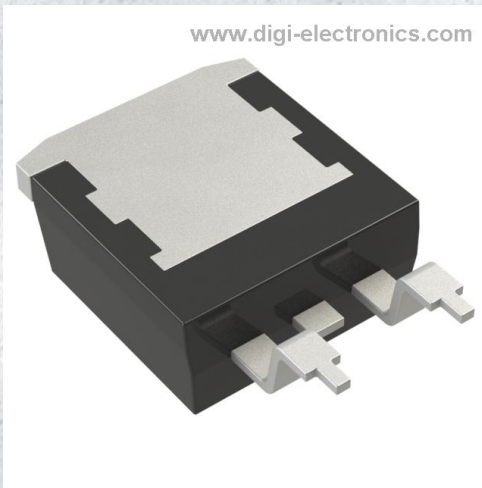


# IXTA10N60P Datasheet



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

DiGi Electronics Part Number	IXTA10N60P-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXTA10N60P
Description	MOSFET N-CH 600V 10A TO263
Detailed Description	N-Channel 600 V 10A (Tc) 200W (Tc) Surface Mount TO-263AA



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

Manufacturer Product Number:

IXTA10N60P

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-263AA

Base Product Number:

IXTA10

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

10A (Tc)

Rds On (Max) @ Id, Vgs:

740mOhm @ 5A, 10V

Gate Charge (Qg) (Max) @ Vgs:

32 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

1610 pF @ 25 V

Power Dissipation (Max):

200W (Tc)

Mounting Type:

Surface Mount

Package / Case:

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

## 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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