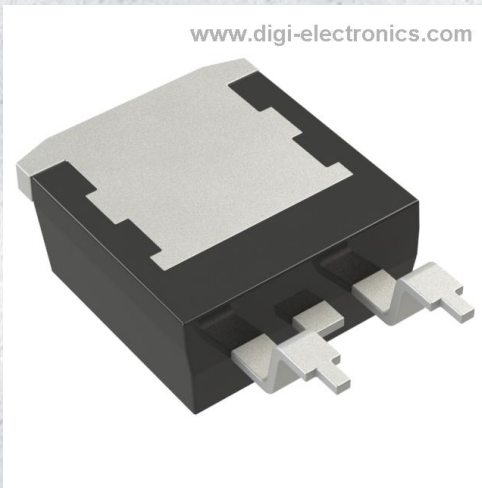


# IXTA220N055T Datasheet



|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | IXTA220N055T-DG   |
| Manufacturer                 | <a href="#">IXYS</a>                                      |
| Manufacturer Product Number  | IXTA220N055T  |
| Description                  | MOSFET N-CH 55V 220A TO263                                |
| Detailed Description         | N-Channel 55 V 220A (Tc) 430W (Tc) Surface Mount TO-263AA |



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## Purchase and inquiry

Manufacturer Product Number:

IXTA220N055T

Series:

TrenchMV™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

55 V

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

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 175°C (Tj)

Supplier Device Package:

TO-263AA

Base Product Number:

IXTA220

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

220A (Tc)

Rds On (Max) @ Id, Vgs:

4mOhm @ 25A, 10V

Gate Charge (Qg) (Max) @ Vgs:

158 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

7200 pF @ 25 V

Power Dissipation (Max):

430W (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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