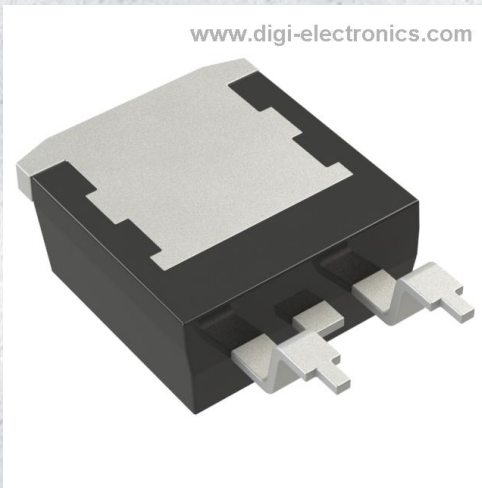


IXTA220N04T2 Datasheet



DiGi Electronics Part Number	IXTA220N04T2-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTA220N04T2
Description	MOSFET N-CH 40V 220A TO-263
Detailed Description	N-Channel 40 V 220A (Tc) 360W (Tc) Surface Mount TO-263AA



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Purchase and inquiry

Manufacturer Product Number:

IXTA220N04T2

Series:

TrenchT2™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

40 V

Rds On (Max) @ Id, Vgs:

3.5mOhm @ 50A, 10V

Gate Charge (Qg) (Max) @ Vgs:

112 nC @ 10 V

FET Feature:

-

Operating Temperature:

-55°C ~ 175°C (Tj)

Supplier Device Package:

TO-263AA

Base Product Number:

IXTA220

Manufacturer:

IXYS

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

220A (Tc)

Vgs(th) (Max) @ Id:

4V @ 250µA

Input Capacitance (Ciss) (Max) @ Vds:

6820 pF @ 25 V

Power Dissipation (Max):

360W (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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