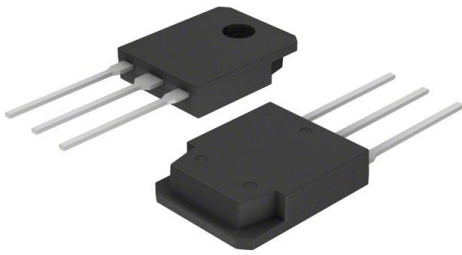


IXTH52N65X Datasheet

www.digi-electronics.com



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

DiGi Electronics Part Number	IXTH52N65X-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTH52N65X
Description	MOSFET N-CH 650V 52A TO247
Detailed Description	N-Channel 650 V 52A (Tc) 660W (Tc) Through Hole TO-247 (IXTH)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IXTH52N65X

Series:

Ultra X

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

650 V

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

10V

Vgs(th) (Max) @ Id:

5V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-247 (IXTH)

Base Product Number:

IXTH52

Manufacturer:

IXYS

Product Status:

Last Time Buy

Technology:

MOSFET (Metal Oxide)

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

52A (Tc)

Rds On (Max) @ Id, Vgs:

68mOhm @ 26A, 10V

Gate Charge (Qg) (Max) @ Vgs:

113 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

4350 pF @ 25 V

Power Dissipation (Max):

660W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3

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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