

# IXFR80N20Q Datasheet



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DiGi Electronics Part Number	IXFR80N20Q-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXFR80N20Q
Description	MOSFET N-CH 200V 71A ISOPLUS247
Detailed Description	N-Channel 200 V 71A (Tc) 310W (Tc) Through Hole ISOPLUS247™



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## Purchase and inquiry

Manufacturer Product Number:

IXFR80N20Q

Series:

HiPerFET™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

200 V

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

10V

Vgs(th) (Max) @ Id:

4V @ 4mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

ISOPLUS247™

Base Product Number:

IXFR80

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

71A (Tc)

Rds On (Max) @ Id, Vgs:

28mOhm @ 80A, 10V

Gate Charge (Qg) (Max) @ Vgs:

180 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

4600 pF @ 25 V

Power Dissipation (Max):

310W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-247-3

## Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.29.0095

ECCN:

EAR99

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