

IXFE180N20 Datasheet



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DiGi Electronics Part Number	IXFE180N20-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFE180N20
Description	MOSFET N-CH 200V 158A SOT227B
Detailed Description	N-Channel 200 V 158A (Tc) 500W (Tc) Chassis Mount SOT-227B



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Purchase and inquiry

Manufacturer Product Number:

IXFE180N20

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 @ 8mA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

SOT-227B

Base Product Number:

IXFE180

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

158A (Tc)

Rds On (Max) @ Id, Vgs:

12mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

380 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

14400 pF @ 25 V

Power Dissipation (Max):

500W (Tc)

Mounting Type:

Chassis Mount

Package / Case:

SOT-227-4, miniBLOC

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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