

IXFV12N80PS Datasheet



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DiGi Electronics Part Number	IXFV12N80PS-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFV12N80PS
Description	MOSFET N-CH 800V 12A PLUS-220SMD
Detailed Description	N-Channel 800 V 12A (Tc) 360W (Tc) Surface Mount PLUS-220SMD

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Manufacturer Product Number:

IXFV12N80PS

Series:

HiPerFET™, PolarHT™

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

800 V

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

10V

Vgs(th) (Max) @ Id:

5.5V @ 2.5mA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

PLUS-220SMD

Base Product Number:

IXFV12

Manufacturer:

IXYS

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

12A (Tc)

Rds On (Max) @ Id, Vgs:

850mOhm @ 500mA, 10V

Gate Charge (Qg) (Max) @ Vgs:

51 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2800 pF @ 25 V

Power Dissipation (Max):

360W (Tc)

Mounting Type:

Surface Mount

Package / Case:

PLUS-220SMD

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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