

IXFX140N30P Datasheet



DiGi Electronics Part Number

IXFX140N30P-DG

IXFX140N30P

IXYS

Manufacturer Product Number

Description

Manufacturer

Detailed Description

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MOSFET N-CH 300V 140A PLUS247-3

N-Channel 300 V 140A (Tc) 1040W (Tc) Through Ho le PLUS247™-3

https://www.DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXFX140N30P	IXYS
Series:	Product Status:
HiPerFET™, Polar	Active
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
300 V	140A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	24mOhm @ 70A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
5V @ 8mA	185 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±20V	14800 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	1040W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
PLUS247™-3	TO-247-3 Variant
Base Product Number:	
IXFX140	

Environmental & Export classification

RoHS Status:	Moisture Sensitivity Level (MSL):
ROHS3 Compliant	1 (Unlimited)
REACH Status:	ECCN:
REACH Unaffected	EAR99
HTSUS:	
8541.29.0095	



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