

## **IXFX48N60P** Datasheet



DiGi Electronics Part Number

IXFX48N60P-DG

IXYS

Manufacturer Product Number IXFX48N60P

Description

Manufacturer

**Detailed Description** 

MOSFET N-CH 600V 48A PLUS247-3

N-Channel 600 V 48A (Tc) 830W (Tc) Through Hole PLUS247™-3

https://www.DiGi-Electronics.com



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RFQ Email: Info@DiGi-Electronics.com

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## Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXFX48N60P	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:
600 V	48A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	135mOhm @ 500mA, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
5V @ 8mA	150 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±30V	8860 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	830W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
PLUS247 <sup>TM</sup> -3	TO-247-3 Variant
Base Product Number:	
IXFX48	

## **Environmental & Export classification**

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



## **OUR CERTIFICATE**

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