

## **IXFC13N50** Datasheet



DiGi Electronics Part Number

Manufacturer

Manufacturer Product Number

Description

**Detailed Description** 

IXFC13N50-DG

IXYS

IXFC13N50

MOSFET N-CH 500V 12A ISOPLUS220

N-Channel 500 V 12A (Tc) 140W (Tc) Through Hole ISOPLUS220™

https://www.DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.



## Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXFC13N50	IXYS
Series:	Product Status:
HiPerFET™	Obsolete
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (ld) @ 25°C:
500 V	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	400mOhm @ 6.5A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
4V @ 2.5mA	120 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±20V	2800 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	140W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
ISOPLUS220™	ISOPLUS220™
Base Product Number:	
IXFC13N50	

## Environmental & Export classification

	Moisture Sensitivity Level (MSL):				
	1 (Unlimited)				
	ECCN:				
	EAR99				

REACH Status:	
REACH Unaffected	
HTSUS:	
8541.29.0095	



## **OUR CERTIFICATE**

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we striciy control the quality of products and services. Welcome your RFQ to Email: Info@DiGi-Electronics.com

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