

IXFH18N90P Datasheet



DiGi Electronics Part Number

Manufacturer Product Number

Description

Manufacturer

Detailed Description

IXFH18N90P-DG

IXYS

IXFH18N90P

MOSFET N-CH 900V 18A TO247AD

N-Channel 900 V 18A (Tc) 540W (Tc) Through Hole TO-247AD (IXFH)

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:
IXFH18N90P	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:
900 V	18A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	600mOhm @ 500mA, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
6.5V @ 1mA	97 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±30V	5230 pF @ 25 V
FET Feature:	Power Dissipation (Max):
-	540W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
TO-247AD (IXFH)	TO-247-3
Base Product Number:	
IXFH18	

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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