IXFK32N80P Datasheet

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DiGi Electronics Part Number	IXFK32N80P-DG
Manufacturer	IXYS
Manufacturer Product Number	IXFK32N80P
Description	MOSFET N-CH 800V 32A TO264AA
Detailed Description	N-Channel 800 V 32A (Tc) 830W (Tc) Through Hole TO-264AA (IXFK)

Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXFK32N80P	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:
800 V	32A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ Id, Vgs:
10V	270mOhm @ 16A, 10V
Vgs(th) (Max) @ Id:	Gate Charge (Qg) (Max) @ Vgs:
5V @ 8mA	150 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±30V	8800 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:
TO-264AA (IXFK)	TO-264-3, TO-264AA
Base Product Number:	
IXFK32	

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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Tel: +00 852-30501935

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