

IXFB38N100Q2 Datasheet



DiGi Electronics Part Number

Manufacturer Product Number

Description

Detailed Description

Manufacturer

IXFB38N100Q2-DG

IXYS

IXFB38N100Q2

MOSFET N-CH 1000V 38A PLUS264

N-Channel 1000 V 38A (Tc) 890W (Tc) Through Hole PLUS264™

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:
IXFB38N100Q2	IXYS
Series:	Product Status:
HiPerFET™, Q2 Class	Active
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
1000 V	38A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	250mOhm @ 19A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
5.5V @ 8mA	250 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±30V	13500 pF @ 25 V
FET Feature:	Power Dissipation (Max):
-	890W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Through Hole
Supplier Device Package:	Package / Case:
PLUS264™	TO-264-3, TO-264AA
Base Product Number:	
IXFB38	

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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