

IXTN120P20T Datasheet



DiGi Electronics Part Number	IXTN120P20T-DG
Manufacturer	IXYS
Manufacturer Product Number	IXTN120P20T
Description	MOSFET P-CH 200V 106A SOT227B
Detailed Description	P-Channel 200 V 106A (Tc) 830W (Tc) Chassis Moun t SOT-227B

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
IXTN120P20T	IXYS
Series:	Product Status:
Trench₽™	Active
FET Type:	Technology:
P-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
200 V	106A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	30mOhm @ 60A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
4.5V @ 250µA	740 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±15V	73000 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	830W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Chassis Mount
Supplier Device Package:	Package / Case:
SOT-227B	SOT-227-4, miniBLOC
Base Product Number:	
IXTN120	

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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