

## **IXFY30N25X3** Datasheet





DiGi Electronics Part Number

Manufacturer Product Number

Description

Manufacturer

**Detailed Description** 

IXFY30N25X3-DG

IXYS

IXFY30N25X3

MOSFET N-CH 250V 30A TO252AA

N-Channel 250 V 30A (Tc) 176W (Tc) Surface Mount TO-252AA

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:
IXFY30N25X3	IXYS
Series:	Product Status:
HiPerFET™, Ultra X3	Active
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
250 V	30A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	60mOhm @ 15A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
4.5V @ 500µA	21 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±20V	1450 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	176W (Tc)
Operating Temperature:	Mounting Type:
-55°C ~ 150°C (TJ)	Surface Mount
Supplier Device Package:	Package / Case:
TO-252AA	TO-252-3, DPAK (2 Leads + Tab), SC-63
Base Product Number:	
IXFY30	

## **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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