

## **IXFY8N65X2** Datasheet



DiGi Electronics Part Number

Manufacturer Product Number

Description

Manufacturer

**Detailed Description** 

IXFY8N65X2-DG

IXYS

IXFY8N65X2

MOSFET N-CH 650V 8A TO252AA

N-Channel 650 V 8A (Tc) 150W (Tc) Surface Mount T O-252AA

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:
IXFY8N65X2	IXYS
Series:	Product Status:
HiPerFET™, Ultra X2	Active
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
650 V	8A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
10V	450mOhm @ 4A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
5V @ 250μΑ	11 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±30V	790 pF @ 25 V
FET Feature:	Power Dissipation (Max):
	150W (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:	
IXFY8N65	

## **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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