

### **IXFK27N80 Information**



For Reference Only

Part Number IXFK27N80 Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 800V 27A TO-264AA

Package TO-264-3, TO-264AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### **IXFK27N80 Specifications**

Manufacturer Part Number	IXFK27N80
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	27A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 8mA
Gate Charge (Qg) (Max) @ Vgs	400nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	9740pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	500W (Tc)
Rds On (Max) @ Id, Vgs	300 mOhm @ 13.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264AA (IXFK)
Package / Case	TO-264-3, TO-264AA
	Report errors?

#### **IXFK27N80** Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **IXFK27N80 Payment Methods**

































If you have any question about IXFK27N80, please do not hesitate to contact us!

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