



### **IXGK82N120B3 Information**



For Reference Only

Part Number IXGK82N120B3

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 1200V 230A 1250W TO264

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.









## **IXGK82N120B3 Specifications**

Manufacturer Part Number	IXGK82N120B3
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-264-3, TO-264AA
Series	GenX3?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	230A
Current - Collector Pulsed (Icm)	500A
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 82A
Power - Max	1250W
Switching Energy	5mJ (on), 3.3mJ (off)
Input Type	Standard
Gate Charge	350nC
Td (on/off) @ 25°C	30ns/210ns
Test Condition	600V, 80A, 2 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-264-3, TO-264AA
Supplier Device Package	TO-264 (IXGK)
	Report errors?

#### **IXGK82N120B3** 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.

# **IXGK82N120B3 Payment Methods**



















## **IXGK82N120B3 Shipping Methods**













If you have any question about IXGK82N120B3, please do not hesitate to contact us!

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