



### **IXBR42N170 Information**



For Reference Only

Part Number IXBR42N170

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 1700V 57A 200W ISOPLUS247

Package ISOPLUS247?

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.









## **IXBR42N170 Specifications**

Manufacturer Part Number	IXBR42N170
Manufacturer	IXYS
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	ISOPLUS247?
Series	BIMOSFET?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	57A
Current - Collector Pulsed (Icm)	300A
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 42A
Power - Max	200W
Switching Energy	-
Input Type	Standard
Gate Charge	188nC
Td (on/off) @ 25°C	-
Test Condition	-
Reverse Recovery Time (trr)	1.32μs
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	ISOPLUS247?
Supplier Device Package	ISOPLUS247?
	Report errors?

#### **IXBR42N170** 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.

### **IXBR42N170 Payment Methods**



















### **IXBR42N170 Shipping Methods**













If you have any question about IXBR42N170, please do not hesitate to contact us!

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