



### **IXGT50N90B2 Information**

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For Reference Only

Part Number IXGT50N90B2

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 900V 75A 400W TO268

**Package** TO-268-3, D3Pak (2 Leads + Tab), TO-268AA

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.









## **IXGT50N90B2 Specifications**

| Manufacturer Part Number                    | IXGT50N90B2                               |        |
|---|---|--------|
| Manufacturer                                | IXYS                                      |        |
| Category                                    | Discrete Semiconductor Products           |        |
|   | Transistors - IGBTs - Single              |        |
| Package                                     | TO-268-3, D3Pak (2 Leads + Tab), TO-268AA |        |
| Series                                      | HiPerFAST?                                |        |
| IGBT Type                                   | PT  |        |
| Voltage - Collector Emitter Breakdown (Max) | 900V                                      |        |
| Current - Collector (Ic) (Max)              | 75A                                       |        |
| Current - Collector Pulsed (Icm)            | 200A                                      |        |
| Vce(on) (Max) @ Vge, Ic                     | 2.7V @ 15V, 50A                           |        |
| Power - Max                                 | 400W                                      |        |
| Switching Energy                            | 4.7mJ (off)                               |        |
| Input Type                                  | Standard                                  |        |
| Gate Charge                                 | 135nC                                     |        |
| Td (on/off) @ 25°C                          | 20ns/350ns                                |        |
| Test Condition                              | 720V, 50A, 5 Ohm, 15V                     |        |
| Reverse Recovery Time (trr)                 | -   |        |
| Operating Temperature                       | -55°C ~ 150°C (TJ)                        |        |
| Mounting Type                               | Surface Mount                             |        |
| Package / Case                              | TO-268-3, D3Pak (2 Leads + Tab), TO-268AA |        |
| Supplier Device Package                     | TO-268                                    |        |
|   | Report e                                  | rrors? |

#### **IXGT50N90B2** 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.

# **IXGT50N90B2 Payment Methods**



















### **IXGT50N90B2 Shipping Methods**













If you have any question about IXGT50N90B2, please do not hesitate to contact us!

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