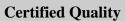


## NGTB50N60FL2WG

#### NGTB50N60FL2WG Information

| www.helsenet.com   | <br>NGTB50N60FL2WG<br>ON Semiconductor<br>Discrete Semiconductor Products<br>Transistors - IGBTs - Single<br>IGBT 600V 50A TO247<br>TO-247-3<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|---|-----------------|
| For Reference Only | us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com   | Request a Quote |



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.



### NGTB50N60FL2WG Specifications

| Manufacturer Part Number                    | NGTB50N60FL2WG                  |
|---|---------------------------------|
| Manufacturer                                | ON Semiconductor                |
| Category                                    | Discrete Semiconductor Products |
|   | Transistors - IGBTs - Single    |
| Package                                     | TO-247-3                        |
| Series                                      | -                               |
| IGBT Type                                   | Trench Field Stop               |
| Voltage - Collector Emitter Breakdown (Max) | 600V                            |
| Current - Collector (Ic) (Max)              | 100A                            |
| Current - Collector Pulsed (Icm)            | 200A                            |
| Vce(on) (Max) @ Vge, Ic                     | 2V @ 15V, 50A                   |
| Power - Max                                 | 417W                            |
| Switching Energy                            | 1.5mJ (on), 460µJ (off)         |
| Input Type                                  | Standard                        |
| Gate Charge                                 | 220nC                           |
| Td (on/off) @ 25°C                          | 100ns/237ns                     |
| Test Condition                              | 400V, 50A, 10 Ohm, 15V          |
| Reverse Recovery Time (trr)                 | 94ns                            |
| Operating Temperature                       | -55°C ~ 175°C (TJ)              |
| Mounting Type                               | Through Hole                    |
| Package / Case                              | TO-247-3                        |
| Supplier Device Package                     | TO-247-3                        |
|   | Report errors?                  |

#### NGTB50N60FL2WG 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### NGTB50N60FL2WG Payment Methods





If you have any question about NGTB50N60FL2WG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com