

NTP45N06LG Information


For Reference Only

Part Number [NTP45N06LG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 45A TO220AB
Package TO-220-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


NTP45N06LG Specifications

| | |
|--|---|
| Manufacturer Part Number | NTP45N06LG |
| Manufacturer | ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 60V |
| Current - Continuous Drain (I _d) @ 25°C | 45A (Ta) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 5V |
| V _{gs} (th) (Max) @ I _d | 2V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 32nC @ 5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1700pF @ 25V |
| V _{gs} (Max) | ±15V |
| FET Feature | - |
| Power Dissipation (Max) | 2.4W (Ta), 125W (Tj) |
| R _{ds} On (Max) @ I _d , V _{gs} | 28 mOhm @ 22.5A, 5V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB |
| Package / Case | TO-220-3 |

[Report errors?](#)

NTP45N06LG 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.

NTP45N06LG Payment Methods



NTP45N06LG Shipping Methods



If you have any question about NTP45N06LG, please do not hesitate to contact us!

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