## PHP45N03LTA,127 Information

For Reference Only

| | |
|---|---|
| **Part Number** | PHP45N03LTA,127 |
| **Manufacturer** | NXP |
| **Category** | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| **Description** | MOSFET N-CH 25V 40A TO220AB |
| **Package** | TO-220-3 |

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.

## PHP45N03LTA,127 Specifications

| Manufacturer Part Number | PHP45N03LTA,127 |
|---|---|
| Manufacturer | NXP |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | TrenchMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 25V |
| Current - Continuous Drain (Id) @ 25°C | 40A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 3.5V, 10V |
| Vgs(th) (Max) @ Id | 2V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 19nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 700pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 65W (Tc) |
| Rds On (Max) @ Id, Vgs | 21 mOhm @ 25A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB |
| Package / Case | TO-220-3 |

Report errors?

## PHP45N03LTA,127 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.

## PHP45N03LTA,127 Payment Methods

## PHP45N03LTA,127 Shipping Methods

If you have any question about PHP45N03LTA,127, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com