## NTMFS4851NT1G Information

| | |
|---|---|
| **Part Number** | NTMFS4851NT1G |
| **Manufacturer** | ON Semiconductor |
| **Category** | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| **Description** | MOSFET N-CH 30V 9.5A SO-8FL |
| **Package** | 8-PowerTDFN, 5 Leads |

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

For Reference Only

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.

## NTMFS4851NT1G Specifications

| | |
|---|---|
| Manufacturer Part Number | NTMFS4851NT1G |
| Manufacturer | ON Semiconductor |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | 8-PowerTDFN, 5 Leads |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 9.5A (Ta), 66A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 11.5V |
| Vgs(th) (Max) @ Id | 2.5V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 20nC @ 4.5V |
| Input Capacitance (Ciss) (Max) @ Vds | 1850pF @ 12V |
| Vgs (Max) | ±16V |
| FET Feature | - |
| Power Dissipation (Max) | 870mW (Ta), 41.7W (Tc) |
| Rds On (Max) @ Id, Vgs | 5.9 mOhm @ 30A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 5-DFN (5x6) (8-SOFL) |
| Package / Case | 8-PowerTDFN, 5 Leads |
| | Report errors? |

## NTMFS4851NT1G 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.

## NTMFS4851NT1G Payment Methods

## NTMFS4851NT1G Shipping Methods

If you have any question about NTMFS4851NT1G, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com