## STB70NF03LT4 Information



## 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.


## STB70NF03LT4 Specifications

| Manufacturer Part Number | STB70NF03LT4 |
| :---: | :---: |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
|  | Transistors - FETs, MOSFETs - Single |
| Package | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Series | STripFET? II |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30 V |
| Current - Continuous Drain (Id) @ $25^{\circ} \mathrm{C}$ | 70A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | $5 \mathrm{~V}, 10 \mathrm{~V}$ |
| Vgs(th) (Max) @ Id | 1V@ $250 \mu \mathrm{~A}$ |
| Gate Charge (Qg) (Max) @ Vgs | 30nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 1440pF @ 25V |
| Vgs (Max) | $\pm 18 \mathrm{~V}$ |
| FET Feature | - |
| Power Dissipation (Max) | 100W (Tc) |
| Rds On (Max) @ Id, Vgs | 9.5 mOhm @ 35A, 10V |
| Operating Temperature | $-55^{\circ} \mathrm{C} \sim 175^{\circ} \mathrm{C}$ (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | D2PAK |
| Package / Case | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |

## STB70NF03LT4 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.

## STB70NF03LT4 Payment Methods



## STB70NF03LT4 Shipping Methods

If you have any question about STB70NF03LT4, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

