

VN610SP Information


For Reference Only

Part Number [VN610SP](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description IC DRIVER SINGLE 45A POWERSO-10
Package PowerSO-10 Exposed Bottom Pad
 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.


VN610SP Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | VN610SP |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers |
| Package | PowerSO-10 Exposed Bottom Pad |
| Series | VIpower? |
| Switch Type | General Purpose |
| Number of Outputs | 1 |
| Ratio - Input:Output | 1:1 |
| Output Configuration | High Side |
| Output Type | N-Channel |
| Interface | On/Off |
| Voltage - Load | 5.5 V ~ 36 V |
| Voltage - Supply (Vcc/Vdd) | Not Required |
| Current - Output (Max) | 45A |
| Rds On (Typ) | 10 mOhm (Max) |
| Input Type | Non-Inverting |
| Features | Auto Restart |
| Fault Protection | Current Limiting (Fixed), Over Temperature, Over Voltage |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Package / Case | PowerSO-10 Exposed Bottom Pad |
| Supplier Device Package | 10-PowerSO |

[Report errors?](#)

VN610SP 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.

VN610SP Payment Methods



VN610SP Shipping Methods



If you have any question about VN610SP, please do not hesitate to contact us!

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