

# VN380SP13TR

### **VN380SP13TR Information**

|                    |                        | VN380SP13TR<br>STMicroelectronics<br>Integrated Circuits (ICs)   |      |
|--------------------|------------------------|--|------|
| Site               | Description<br>Package | PMIC - Power Distribution Switches, Load Drivers<br>IC SSR SMART SOLENOID POWERSO10<br>PowerSO-10 Exposed Bottom Pad | 1998 |
| For Reference Only | C                      | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com                       | Pog  |
| For Reference Only |                        | E-mail: salesdept@heisener.com   | Re   |



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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.



# **VN380SP13TR Specifications**

| Manufacturer Part Number   | VN380SP13TR                                      | VN380SP13TR                                      |  |  |
|----------------------------|--|--|--|--|
| Manufacturer               | STMicroelectronics                               |  |  |  |
| Category                   | Integrated Circuits (ICs)                        |  |  |  |
|                            | PMIC - Power Distribution Switches, Load Drivers |  |  |  |
| Package                    | PowerSO-10 Exposed Bottom Pad                    | PowerSO-10 Exposed Bottom Pad                    |  |  |
| Series                     | VIPower?   | VIPower?   |  |  |
| Switch Type                | Relay, Solenoid Driver                           |  |  |  |
| Number of Outputs          | 1  |  |  |  |
| Ratio - Input:Output       | 2:1  |  |  |  |
| Output Configuration       | High Side  | High Side  |  |  |
| Output Type                | Bipolar  | Bipolar  |  |  |
| Interface                  | On/Off   | On/Off   |  |  |
| Voltage - Load             | 6 V ~ 24 V                                       | 6 V ~ 24 V                                       |  |  |
| Voltage - Supply (Vcc/Vdd) | Not Required                                     | Not Required                                     |  |  |
| Current - Output (Max)     | 5A   |  |  |  |
| Rds On (Typ)               | 110 mOhm   |  |  |  |
| Input Type                 | -  |  |  |  |
| Features                   | Status Flag                                      |  |  |  |
| Fault Protection           | Open Load Detect, Over Temperature, Over Voltage | Open Load Detect, Over Temperature, Over Voltage |  |  |
| Operating Temperature      | -40°C ~ 150°C (TJ)                               | -40°C ~ 150°C (TJ)                               |  |  |
| Package / Case             | PowerSO-10 Exposed Bottom Pad                    |  |  |  |
| Supplier Device Package    | 10-PowerSO                                       |  |  |  |
|                            |  | Report errors?                                   |  |  |

#### **VN380SP13TR 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

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### VN380SP13TR Payment Methods





If you have any question about VN380SP13TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com