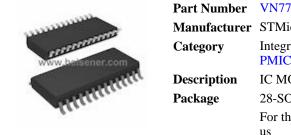


# VN770K

### **VN770K Information**



| VN770K   |
|--|
| STMicroelectronics   |
| Integrated Circuits (ICs)<br>PMIC - Full, Half-Bridge Drivers  |
| IC MOTOR DRIVER PAR 28SO   |
| 28-SOIC (0.295", 7.50mm Width)   |
| For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |
|  |



Request a Quote

For Reference Only

# **Certified Quality**

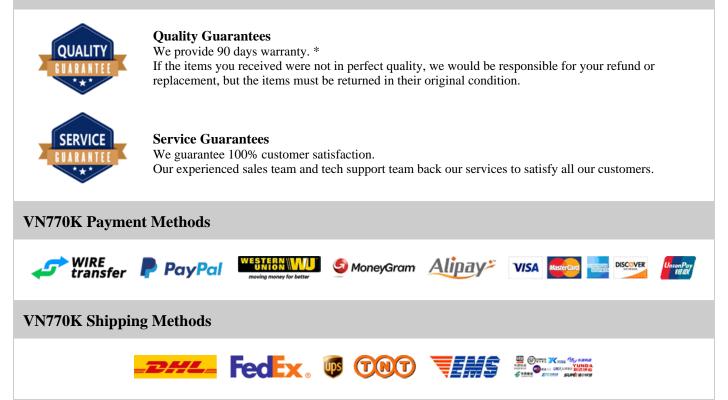
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **VN770K Specifications**

| -                          |  |
|----------------------------|--|
| Manufacturer Part Number   | VN770K   |
| Manufacturer               | STMicroelectronics   |
| Category                   | Integrated Circuits (ICs)  |
|                            | PMIC - Full, Half-Bridge Drivers   |
| Package                    | 28-SOIC (0.295", 7.50mm Width)   |
| Series                     | OMNIFET II?, VIPower?  |
| Output Configuration       | Half Bridge (2)  |
| Applications               | DC Motors, General Purpose, Relays   |
| Interface                  | Logic  |
| Load Type                  | Inductive  |
| Technology                 | Power MOSFET   |
| Rds On (Typ)               | 160 mOhm (Max)   |
| Current - Output / Channel | 9A   |
| Current - Peak Output      | -  |
| Voltage - Supply           | 5.5 V ~ 36 V   |
| Voltage - Load             | 40V (Max)  |
| Operating Temperature      | -40°C ~ 150°C (TJ)   |
| Features                   | Status Flag  |
| Fault Protection           | Current Limiting, ESD, Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLO |
| Mounting Type              | Surface Mount  |
| Package / Case             | 28-SOIC (0.295", 7.50mm Width)   |
| Supplier Device Package    | 28-SO  |
|                            | Report errors?   |
|                            |  |

#### **VN770K Guarantees**



If you have any question about VN770K, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com