



## V-King - Component Parts to Buy

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| Category                                | Part Name                                | Description                          | Order Quantity | Bulk Est. Price      |
|---|--|--------------------------------------|----------------|----------------------|
| Worm Gear                               | <a href="#">Worm Gear</a>                | 1:20 Worm Gear Set                   | 1              | 15.00                |
| Worm Gear                               | Worm Gear Rod                            | 5mm X 555 mm Steel rod               | 1              | 10.00                |
| Worm Gear                               | <a href="#">Ball Bearing 5-16-5</a>      | Worm Gear Bearings                   | 10             | 4.00                 |
| Timing Parts                            | <a href="#">GT2 Idler Pulley 20T</a>     | Thoothed Idler Pulley                | 10             | 10.00                |
| Timing Parts                            | <a href="#">GT2 Idler Pulley 20NT</a>    | Smooth Pulley                        | 10             | 10.00                |
| Timing Parts                            | <a href="#">GT2 Motor Pulley 20T</a>     | Thoothed Motor Pulley                | 5              | 5.00                 |
| Timing Parts                            | <a href="#">GT2 Timing Belt</a>          | Reinforced Timing Belt               | 10             | 10.00                |
| Hardware                                | <a href="#">Build Plate</a>              | 350x400x6mm Aluminum                 | 1              | 30.00                |
| Hardware                                | <a href="#">2028 Corner Bracket</a>      | Corner Joint Brackets                | 20             | 7.00                 |
| Component                               | <a href="#">350*400 Silicone Heatpad</a> | Ask for 110 AC if needed             | 1              | 25.00                |
| Component                               | <a href="#">Solid State Relay</a>        | SSR 40A                              | 1              | 4.00                 |
| Component                               | <a href="#">Optical Sensor</a>           | Optical Endstop Sensor               | 6              | 3.00                 |
| Component                               | <a href="#">Nema 17 Stepper Motor</a>    | Nema 17 Stepper motor                | 5              | 40.00                |
| Component                               | <a href="#">J-Head/E3d Clone</a>         | <a href="#">e3d V6 Original Here</a> | 1              | 5.00 Clone Price     |
| Component                               | <a href="#">Filament Extruder</a>        | <a href="#">Titan Original Here</a>  | 1              | 20.00 Clone Price    |
| Component                               | <a href="#">3D Touch Probe</a>           | <a href="#">Original Probe here</a>  | 1              | 15.00 Clone Price    |
| Controller                              | <a href="#">MKS Gen L V1.0</a>           | Ramps Controller                     | 1              | 20.00                |
| Controller                              | <a href="#">TMC2208</a>                  | XY Stepper Drivers                   | 4              | 25.00                |
| Controller                              | <a href="#">DRV 8825</a>                 | ZE Stepper Drivers                   | 5              | 10.00                |
| Controller                              | <a href="#">12864 LCD</a>                | LCD Controller Panel                 | 1              | 12.00                |
| Controller                              | <a href="#">24V Power Supply</a>         | 240W 24V PSU                         | 1              | 20.00                |
| Component                               | <a href="#">12V Layer Fan</a>            | Fan for filament cooling             | 1              | 10.00                |
| Component                               | <a href="#">Power Switch - Fused</a>     | AC Inlet to PSU with Fuse            | 1              | 5.00                 |
| Component                               | <a href="#">24V to 12V DC Converter</a>  | 1.5A 18W DC DC Converter             | 1              | 2.00                 |
| <b>Estimated Component Retail Price</b> |  |                                      |                | <b><u>317.00</u></b> |

Research, Development & Design by

*Roy Beertsen*

