|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bill of Materials:   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Item | Part # | Vendor | Unit $ | Amount | Total $ | | Servo | SG90 | TowerPro | $2.99 | 4 | $11.96 | | ESP8266 | WRL-13711 | SparkFun | $15.95 | 2 | $31.90 | | Motor Shield Board | L293DD | SmartArduino | $4.93 | 1 | $4.93 | | Guitar | 6 Steel String | Amazon | $17.11 | 1 | $17.11 | | Jumper wires (F-F) |  | Adafruit | $3.95 | 1 | $3.95 | | Potentiometer 10K | COM-09939 | SparkFun | $0.95 | 1 | $0.95 | | Vibration Sensor Switch | 1766 | Adafruit | $0.95 | 1 | $0.95 | | 3D Printed Shield |  |  |  |  |  | | Resistors 10K | COM-11509 | SparkFun | $0.048 | 2 | $0.095 | | Breadboard | PRT - 12002 | SparkFun | $4.95 | 1 | $4.95 | |  |  |  |  |  |  | | Total |  |  |  |  | **$76.8** | |