

| Item | Amount | Price | Role | Supplier |
|-----------------------------------|--------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ESP32 Micro Controller | 1 | \$15.99 | This is necessary for the prototype. We would rather use this over an Arduino because size and cost. It also has built in bluetooth and wifi. | https://www.amazon.ca/Development-Wireless-Bluetooth-Module-ESP32-D0WDQ6/dp/B07KTV2RRM |
| Slide Potentiometer | 2 | \$2.32 x 2 (\$4.64) | These will be used for the controllers triggers. | https://www.digikey.ca/en/products/detail/bourns-inc/PTA1543-2010CIB103/3781161 |
| Jumper Wires | 1 | \$8.99 | testing puposes | https://www.amazon.ca/dp/B07GD2BWPY |
| Analog Joystick (4 Pack) | 1 | \$6.79 | One of these is required to make our joystick. | https://www.amazon.ca/RGEEK-Analog-Joystick-Replacement-Controller/dp/B089PZX8VY |
| TACT Switch Push Button (50 Pack) | 1 | \$9.98 | Necessary for our nine buttons. | https://www.amazon.ca/Gikfun-6x6x5mm-Switch-Arduino-EK1019C/dp/B06Y6DDG8K |
| Springs (50 Pack) | 1 | \$11.88 | To push triggers and shift key outwards when not being pressed. Potentially used for other purposes. | https://www.amazon.ca/Metal-Compression-Spring-Silver-0-5x5x25mm/dp/B07P9QCB8M |