

Bill of Materials:

A: 1 x Arduino Micro with headers - \$25.00



Make sure the Arduino you buy has the **ATmega32U4** chip.

B: 1 x USB cable (USB to Micro or Mini, depending on the Arduino) - \$2.00 - \$4.00



C: 3 meters of AWG24 cable (Extra Soft type is preferable) – Around \$3.00 per meter



Will suggest getting black for “ground” wires, and other colors for 5V and pins.

D: 4 x Mechanical keyboard switches (of your choice.) - \$2.00 each



E: 4 x keyboard switch keycaps - \$0.50 - \$1.00 each

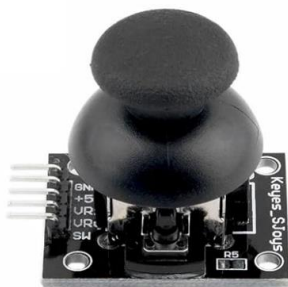


F: 1 /2 x 5-way switches (or 1 x 5-way switch and 1 x analog controller):

5way switch for movement: \$5.00



Analog for movement: \$10.00

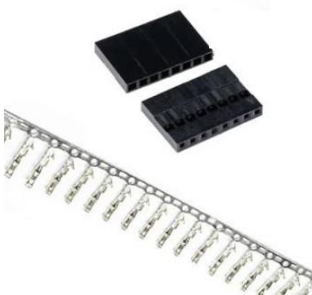


5way switch for function select: \$5.00



G: 30 X Female cable headers

Option - DIY: \$1.00 for 16 (need a crimping tool)



Option – Ready-made: (need to cut, strip and solder to cable)



2 terminal blocks – 1 x 5 pin + 1 x 3 Pin: Around \$1.00 Each



Heat shrink tube – 2 meters of 3 mm: \$0.50 per meter

