

## Here are all the electronic components you will need for this project.

1. Micro-Bit(V1 or V2) will work as the micro controller for this BattleBot. You may use other micro controllers(e.g. ESP32, Arduino etc.) but you should probably change the 3D printed file to fit the

board.<https://www.bing.com/ck/a?!&&p=cdfce4d87ee3109b8bed7227d80582f1a34645266e112147359063f22f7544e1JmltdHM9MTc0NzM1MzYwMA&ptn=3&ver=2&hsh=4&fcid=331abe67-e9f4-6be0-08fa-aba6e8346aad&psq=micro+bit+buy&u=a1aHR0cHM6Ly9taWNyb2JpdC5vcmcvYnV5Lw&ntb=1>

2. Kitronik Move Mini Board. You can use other boards just like with the micro controllers but you should probably change the 3D printed file to fit the

board.<https://www.bing.com/ck/a?!&&p=1343b2dd1d7ff2534b9f6c28c590df8d6129059968a702dbb3dbf17cbf4b11e4JmltdHM9MTc0NzM1MzYwMA&ptn=3&ver=2&hsh=4&fcid=331abe67-e9f4-6be0-08fa-aba6e8346aad&psq=kitronik+move+mini+board&u=a1aHR0cHM6Ly9raXRyb25pay5jby51ay9wcm9kdWN0cy81NjIzLXNlcnZvbGl0ZS1ib2FyZC1mb3ItbW92ZS1taW5p&ntb=1>

3. Kitronik 360 degrees Servo Motor. You will actually need two of

them.<https://www.bing.com/ck/a?!&&p=1343b2dd1d7ff2534b9f6c28c590df8d6129059968a702dbb3dbf17cbf4b11e4JmltdHM9MTc0NzM1MzYwMA&ptn=3&ver=2&hsh=4&fcid=331abe67-e9f4-6be0-08fa-aba6e8346aad&psq=kitronik+move+mini+board&u=a1aHR0cHM6Ly9raXRyb25pay5jby51ay9wcm9kdWN0cy81NjIzLXNlcnZvbGl0ZS1ib2FyZC1mb3ItbW92ZS1taW5p&ntb=1>

4. A high speed DC Motor(I got mine from a Twodots Keos Drone) You can use others also.

5. Cables. You can use whichever cables you have.

6. lastly, you will need some kind of adapter to turn the alligator clips from the Servos to the clips that the board takes. I just cut my alligator clips and put normal servo clips, which you can find very easily on any electronics e-shop or sites like Amazon.