

- 1) Raspberry Pi-4 (4Gb RAM)
<https://www.canakit.com/Common/System/Cart.aspx>
- 2) Usb camera
https://www.amazon.ca/gp/product/B004FHO5Y6/ref=ox_sc_act_title_1?smid=A3DWYIK6Y9EEQB&psc=1 **(Temporary)**

https://www.digikey.ca/en/products/detail/dfrobot/FIT0701/13166487?utm_adgroup=Evaluation%20Boards%20-%20Expansion%20Boards%2C%20Daughter%20Cards&utm_source=google&utm_medium=cpc&utm_campaign=Shopping_Product_Development%20Boards%2C%20Kits%2C%20Programmers&utm_term=&productid=13166487&gclid=Cj0KCQiA7NKBBhDBARIsAHbXCB6UVWkzaFPeuaMz8jddmuyprE0J07F4s7zP7nlKwr23ZfN_DSAatYAaAgLxEALw_wcB
- 3) Dynamo for bicycle
https://www.amazon.ca/Generator-bicycle-lightpart-lowrider-cruiser/dp/B00KL5EXW0/ref=sr_1_2?dchild=1&keywords=Dynamo+Generator+12V+6W.+Bike+Light+Part&qid=1614113326&s=sports&sr=1-2
- 4) Voltage Regulator Step up /Step down 5v 1A.
<https://www.pololu.com/product/2123>
- 5) USB liPoly charger
<https://www.adafruit.com/product/259>
- 6) Lithium ion battery:
<https://www.adafruit.com/product/354>
- 7) <https://www.robotshop.com/ca/>
- 8) for actobotics parts
- 9) actobotics is made by Servo City
- 10) US supplier: servocity.com
- 11) <https://elmwoodelectronics.ca/products/lithium-ion-cylindrical-battery-3-7v-2200mah>
- 12) <https://www.digikey.ca/en/products/detail/dfrobot/DFR0569/9559259>
- 13) <https://www.digikey.ca/en/products/detail/dfrobot/DFR0568/9559258>
- 14)

<https://www.digikey.ca/en/products/detail/dfrobot/DFR0569/9559259>

<https://elmwoodelectronics.ca/products/lithium-ion-cylindrical-battery-3-7v-2200mah>

<https://elmwoodelectronics.ca/search?q=lithium>

<https://elmwoodelectronics.ca/products/11856>

<https://elmwoodelectronics.ca/products/powerboost-1000-charger-rechargeable-5v-lipo-usb-boost-1a-1000c>

<https://elmwoodelectronics.ca/products/14411>