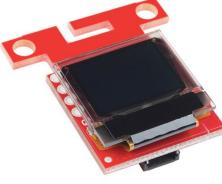
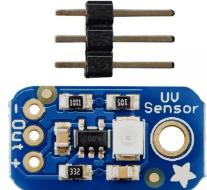
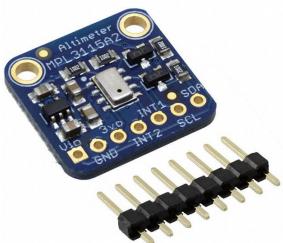
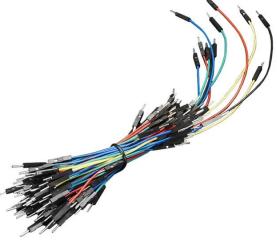
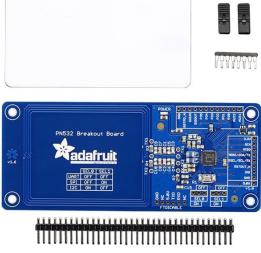
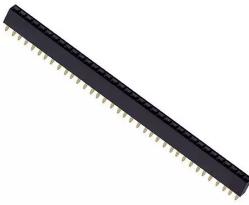


 <p>1. Digital Multimeter MN35-ND</p>	 <p>2. Environmental Sensor 1528-1228-ND</p>	 <p>3. Soil Moisture Module 1568-1360-ND</p>	 <p>4. Temperature Sensor Board 1568-1520-ND</p>
 <p>5. Air Quality Sensor 1568-1597-ND</p>	 <p>6. Accelerometer Board 1568-1474-ND</p>	 <p>7. Fingerprint Scanner 1568-1835-ND</p>	 <p>8. RGB Color Sensor with IR Filter 1528-1378-ND</p>
 <p>9. Accel/ Mag/ Gyro/ Temp Board 1528-1900-ND</p>	 <p>10. UV Index Sensor 1528-1694-ND</p>	 <p>11. Touch Sensor 1528-1810-ND</p>	 <p>12. 23904 Transistor 2N3904FS-ND</p>
 <p>13. Transistor PNP 400V 1A TO-92 497-12373-ND</p>	 <p>14. 1N5817 Diode 1N5817FSCT-ND</p>	 <p>15. Analog Microphone 102-1721-ND</p>	 <p>16. 10k Trimmer 1568-1616-ND</p>

 <p>17. Through Hole Mosfet IRFZ44NPBF-ND</p>	 <p>18. 7 Segment Serial Display 1568-1533-ND</p>	 <p>19. Micro OLED Breakout 1568-1819-ND</p>	 <p>20. Qwiic Adapter 1568-1785-ND</p>
 <p>21. Qwiic Cable 1568-1711-ND</p>	 <p>22. Solderless Breadboard 1738-1322-ND</p>	 <p>23. Stepper 1568-1321-ND</p>	 <p>24. Misc. LEDs Pink: 754-2184-ND Cyan: 754-2183-ND Purple: 67-2064-ND</p>
 <p>25. Switch Kit 360-2293-ND</p>	 <p>26. Mini Spy Camera 1528-1799-ND</p>	 <p>27. Analog UV Sensor 1528-1468-ND</p>	 <p>28. Load Cell Amplifier 1568-1436-ND</p>
 <p>29. Barometer Sense Board 1528-1034-ND</p>	 <p>30. IR Break Beam Sensor 1528-2526-ND</p>	 <p>31. Joystick 1528-1730-ND</p>	 <p>32. SparkFun ESP32 Thing 1568-1444-ND</p>

 <p>33. Power Relay 1528-1777-ND</p>	 <p>34. Redbot Inventors Kit 1568-1107-ND</p>	 <p>35. Arduino Robotics Kit 1738-1206-ND OR 130-35000-ND</p>	 <p>36. USB Micro-B Cable Q967-ND</p>
 <p>37. 22 AWG Wires 1568-1358-ND</p>	 <p>38. Jumper Wires 1528-2185-ND</p>	 <p>39. Soldering Iron (60W) cc</p>	 <p>40. Solder Cleaning Station 1691-1006-ND</p>
 <p>41. Lead Free Solder 473-1251-ND</p>	 <p>42. Desolder Braid 40-4-5-ND</p>	 <p>43. Inductor Kit 712-1452-ND</p>	 <p>44. 30V (5V coil) Relay OSA-SH-205DM5,600-ND</p>
 <p>45. NFC/RFID Breakout 1528-1781-ND</p>	 <p>46. Touchscreen Display 1613-1134-ND</p>	 <p>47. Ultrasonic Distance Module 1568-1421-ND</p>	 <p>48. Snappable Protoboard 1568-1129-ND</p>

 <p>49. Female Headers HDR100IMP40F-G-V-T H-ND</p>	 <p>50. Resistor Kit RS125-ND</p>	 <p>51. RGB LED Strip 1528-2512-ND</p>	 <p>52. Ceramic Capacitors BC3213-ND</p>
 <p>53. Wire Strippers K604-ND</p>	 <p>54. Flush Cutters 1742-1083-NDD</p>	 <p>55. Needle Nose Pliers 243-1215-ND</p>	 <p>56. Curved Tweezers EROP7SA-ND</p>
 <p>57. Pointed Tweezers EROPAASA-ND</p>	 <p>58. Break Away Headers S1012EC-40-ND</p>	 <p>59. 30 AWG Jumper Wires 1568-1642-ND</p>	 <p>60. Servos 1528-1076-ND</p>

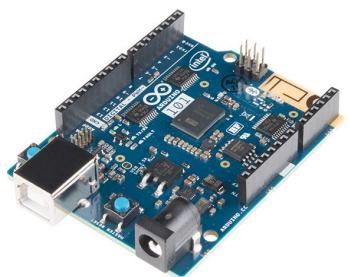
Spring 2019 Hardware Lab

US + Canada



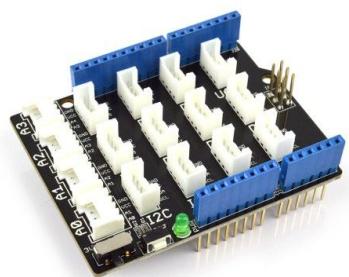
- 1** Amazon Fire Phone
-Micro-USB Charger

Android mobile phone using a custom Amazon Fire version and contains a 3D camera.



- 6** Arduino 101
-USB 2.0 Cable

An open-source physical computing platform based on a simple microcontroller board, and a development environment for writing software for the board.



- 6** Base Shield

Grove module connector



- 6** DragonBoard 410c
-Micro USB Cable
-AC Adaptor



Development board based on a Qualcomm Snapdragon 400 series processor. Features advanced processing power, Wi-Fi, bluetooth connectivity, and GPS.

Reset Instructions:
<http://hackp.ac/dragonboard-reset-guide>



- 6** USB Monitor
-Micro USB Cable
-HDMI Cable

A USB powered, touch-screen monitor that can be used with/for resetting the Qualcomm DragonBoard 401c.



- 6** USB Keyboard
-Micro USB Cable
-AAA Batteries

A small wireless keyboard that can be used with/for resetting the Qualcomm DragonBoard 401c.



- 5** Leap Motion
-Leap Motion Cable

The Leap Motion Controller senses your hands and fingers and follows their every gesture. Has a C++, Unity, Objective C (IOS), Java, Python and Javascript SDK.



- 1** Muse Headband

Brain sensing headband that monitors brain activity. Download mobile app to pair with Muse.



- 7** Amazon Echo
-Power Cable



Voice-controlled, hands-free speaker. Echo connects to the Alexa Voice Service to play music, provide information, news, sports scores, weather, and more—instantly.

-
- 3** Samsung Gear VR Virtual reality headset



- 2** Alienware 15 -Charging Cable Powerful 15 inch gaming laptop made by Dell. Extremely helpful with Oculus Rift Development.



- 3** Dell XPS -Charging Cable



- 6** Oculus Rift -USB Cord -IR Camera -Xbox One Controller and Receiver Virtual reality headset that lets players step inside their favorite games and virtual worlds. Users must download the Oculus SDK (Software Development Kit) in order to work with the Oculus Rift hardware.





- 4** FitBit Ionic
-Large and Small Wristbands
-Charging Cable

Dynamic fitness watch with capabilities including GPS tracking, heart rate monitoring and fitness goal coaching.



- 6** Google Home Mini
-Power Cable



- 1** DigiKey Component Kit
-Misc. Sensors
-Solder Kit
-Robotics Kits



- 1** Graphics Case
- 6** Stand-Up Banners
-Food_Drinks
(v1.0-NA_USA)
-General-blue
(v1.0-NA_USA)
-General-red
(v1.0-NA_USA)
-General-yellow
(v1.0-NA_USA)
-Hardware
(v1.0-NA_USA)
-Registration
(v1.0-NA_USA)



- 1** Digital Banner

~500 MLH Branded Cups



- 1** Workpro Bag
-Tape Gun
-3 Inch Packing Tape
-Gaffers Tape
-Work Gloves
-Mini Tool Kit

- 1** Photo Booth + Backdrop
-Yellow, Red and Teal Pallets only

- 3** Laminated Hardware Lab Sheets
-Volunteer Sheet
-Digi-Key Sheet
-Hardware Lab Sheet

- 1** GitHub Table Tent

- 1** Emergency Consumables Pack
-Assorted Stickers

Resources:

- [Pallet Blueprint](#)
- [Pallet Guide](#)