

BlueStamp Engineering Student Bill of Materials (BOM)

Please fill this out for all parts that will be required for your project.

If you cannot find information, move on and ask your instructor when emailing this to them.

Item #	Description	Vendor	Part Number	Qty	Unit Cost	Total Cost	Purchase Link
1	Lithium Ion Polymer Battery 3.7v 2500mAh	adafruit	328	1	\$14.95	\$14.95	Link
2	Large 6V 3.5 Solar panel-3.5 watt	adafruit	500	1	\$39.00	\$39.00	Link
3	USB / DC / Solar Lithium Ion/Polymer charger - v2	adafruit	390	1	\$19.95	\$19.95	Link
4	Arduino	amazon	A000066	1	\$20	\$20.00	Link
5	VERTER 5V USB Buck-Boost - 500mA from 3V-5V / 1000ma from 5V-12V	adafruit	2190	1	\$10	\$9.95	Link
6	16 x 2 LCD	amazon	1602	1	\$6	\$6	Link
7	I2C Adapter	newegg	1602	1	\$3.15	\$3.15	Link
8	3.5 / 1.3mm To 5.5 / 2.1mm DC Jack Adapter Cable	adafruit	2788	1	\$1	\$1	Link
9	Photoresistors	class	N/A	2			
10	TowerPro MG995 servo	class	N/A	1			
11	Breadboard	class	N/A	1			
12	10k precision epoxy Thermistor	adafruit	372	1	\$4	\$4	Link
13	USB charger cord	class	N/A	1			
14	9v battery for testing	class	N/A	1			

