

Item No.	Description	Quantity	Unit Cost (\$)	Extended Cost (\$)
1	Basys 3 FPGA board	1	n/a	n/a
2	VGA	1	n/a	n/a
3	Sharp GP2Y0A41SK0F	1	n/a	n/a
4	0.1uF Ceramic Capacitors	20	0.141	2.82
5	1% 8kOhm Resistors	5	1.91	9.55
6	1% 1kOhm Resistors	50	0.04	2
7	1% 20kOhm Resistors	50	0.04	2
8	1% 10kOhm Resistors	50	0.04	2
9	LM311 Comparators	20	0.547	10.94
10	LM741 Op Amps	20	0.709	14.18
11	25' Red 22 AWG Wire	1	3.47	3.47
12	25' Black 22 AWG Wire	1	3.47	3.47
13	25' Yellow 22 AWG Wire	1	3.47	3.47
	Shipping cost	1	8	8
Total Cost =				61.9