

Automated sumo Part List

Jamco Part Number	Description	Quantity	Unit Cost
202403	PHOTOCELL,100mW,150VPK,3Kohm,	2	\$0.69
25523	@ CAP,MONO,.1uF,50V,20%	5	\$0.06
105858	BAT HOLDER,PARALLEL,4 AA ,	1	\$0.85
190538	PLUG,DC,PWR,FEM,2.5x5.5x9.5MM	1	\$0.55
160882	HEADER,ST MALE,1RW,40PIN	1	\$0.39
1054684	QUAD HALF-H DRIVER/LINEAR,	1	\$1.75
334502	LED,WHITE,T-1 3/4	2	\$0.65
100803	CONN,.1 ,1 ROW,4 PIN HOUSING,	1	\$0.25
157383	CONN,.1",1 ROW,3 PIN HOUSING,	1	\$0.29
100766	@CONNECTOR,PIN,FEM,POST TIN	4	\$0.13
690700	RES,CF,330 OHM,1/4 WATT,5%,	2	\$0.02
1946359	CAP,RADIAL10uF,25V,20%	2	\$0.01
216452	BAT SNAP,SAFETY,6",26AWG,	1	\$0.25
	100 K 1/4 Watt resistor	2	\$0.01
	10 K 1/4 Watt resistors	1	\$0.01
	16 pin ic socket		
	Arduino UNO Compatable board	1	
	PCB 3" X 3" one sided	1	
Other Stuff			
	1' square sheet metal		
	Plastic, 2" bar or 1/2+ thick sheet		
	Tamiya twin gearbox		
	1/8" sheet for Arduino holder		
	4 AA rechargible batteries		
	1 - 9 volt battery		
	1 bike tube		