

Item	Name of Item	Vendor	Purchaser	Price / unit (\$)	Qty	Total Cost (\$)
Main Controller						
1	Atmel ATMEGA168P-20PU	Mouser	Sheron	4.42	1	4.42
2	Max232IN TTL to RS232 converter	Mouser	Sheron	1.16	1	1.16
3	Header Pins	Mouser	Sheron	0.49	1	0.49
4	Molex 5566-2 2 contact connector	Mouser	Sheron	0.75	1	0.75
5	1 uF capacitor ECE-A1HN010U	Mouser	Sheron	0.3	4	1.2
6	47 uF capacitor ECE-A1CKA470	Mouser	Sheron	0.26	1	0.26
7	2 amp fuse 0219002.MXAP	Mouser	Sheron	0.6	2	1.2
8	Fuse Clips, BK/1A3399-01	Mouser	Sheron	0.43	1	0.43
9	68 ohm resistors, WNA68RFE	Mouser	Sheron	0.98	2	1.96
10	1k ohm resistors, OX102KE	Mouser	Sheron	0.89	1	0.89
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13				Total:		9.48
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Slave Controller (all quantities are x16)						
22	Atmel ATTINY85V-10PU	Mouser	Sheron	1.82	1	1.82
23	Solenoid, 690-c24-38c24dc-ap	Mouser	Watkins	32.56	1	32.56
24	Transistor, P2N2222AG	Mouser	Sheron	0.94	1	0.94
25	Header Pins	Mouser	Sheron	0.49	3	1.47
26	Resistor, 1.8k OX182KE	Mouser	Sheron	0.89	1	0.89
27	1k ohm resistors, OX102KE	Mouser	Sheron	0.89	1	0.89
28	10k ohm resistors, PCF1/2C103K	Mouser	Sheron	0.78	1	0.78
29	470 ohm resistors, OX471KE	Mouser	Sheron	0.89	1	0.89
30	1 uF capacitor ECE-A1HN010U	Mouser	Sheron	0.3	1	0.3
31	Mosfet, FDP7N50	Mouser	Sheron	1.03	1	1.03

32	Diode, 1n4148	Mosuer	Sheron	0.02	1	0.02
33	Molex 5566-2 2 contact connector	Mouser	Sheron	0.75	2	1.5
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35						
36				Total:		43.09
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Power Supply						
38	24 volt 320 watt power supply, PMK320S-24E	Astrodyne	Sheron	107	1	107
	12/5 volt 60 watt supply, AD60-A	Astrodyne	Sheron	67	1	67
				Total:		174
Totals						
	Main Controller			9.48	1	9.48
	Slave Controller			43.09	16	689.44
	Power Supplies			174	1	174
	Misc. Distribution/Safety			50	1	75
				Total:		947.92