

Label	Part Type	Properties	Quantity	Price	Total
Arduino1	Arduino UNO R3		1	21.95	21.95
	ProtoShield R3		1	13.95	13.95
C2-C7	Capacitor	2.5V 350F	1	157.57	157.57
D1	TVS Diode 5K15A	Breakdown 16.7V	1	2.79	2.79
FUSE1	Fuse	5A Fast Blow	1	2.5	2.5
IC1	Mosfet Driver	MIC4451	1	3.5	3.5
L1-L2	Welding Cable	4Gauge HighStrand	4	2.25	9
LED1	LED	Green 3V 20ma	1	0.04	0.04
Q1	Eupec IGBT	BSM 300GA 120DNS	1	214.66	214.66
R2	Resistor	1/4Watt 560Ohm	1	0.05	0.05
R3	Resistor	50Watt 5 Ohm	1	2.5	2.5
S1-S3	Switch	Various	3	1.5	4.5
	Binding Post	Red/Black	6	0.25	1.5
	Knobs	Chicken Head	3	0.5	1.5
	Potentiometer	1K	3	0.5	1.5
	Stereo Jack	1/4"	1	0.45	0.45
	Lexan Case	1/4"	1	10	10
	Copper Rod	1/4" 3Feet	1	11.5	11.5
	Copper Connector	4gauge	6	1.4	8.4
	LCD Screen	16x2	1	8	8
					<b>Total Cost</b>