

Name	Quantity	Price	Total Price	Part Number
#4 size screw	12	\$0.20	\$2.40	SRS-1-640
0.01 uF Cap	5	\$0.21	\$1.05	FK18C0G1H103J
0.1 uF Capacitor	16	\$0.32	\$5.12	EEA-GA1HR10B
0.33 uF Capacitor	2	\$0.17	\$0.34	647-UVK2AR33MDD
1 M Resistor	1	\$0.16	\$0.16	CBT25J1M0
1 uF Capacitor	5	\$0.22	\$1.10	EEA-GA1H1R0
10 uF Cap	2	\$0.30	\$0.60	FK24X5R1C106K
100 ohm Resistor	15	\$0.32	\$4.80	CF1/2C101J
10k Resistor	15	\$0.32	\$4.80	CF1/2CT52R103J
10k Trimmer	6	\$1.51	\$9.06	3362P-1-103TLF
10-pin molex	2	\$1.09	\$2.18	22-23-2101
16 MHz Crystal	1	\$0.46	\$0.46	9B-16.000MAAJ-B
18 pF Cap	2	\$0.19	\$0.38	FK18C0G1H180J
1k ohm resistor	6	\$0.32	\$1.92	CF1/2CT52R102J
2.2uF Ceramic Cap	1	\$0.26	\$0.26	810-FK14Y5V1H225Z
28 Pin Dip Socket	1	\$0.39	\$0.39	4828-3004-CP
2-pin Molex Connector (Female)	6	0.16	0.96	571-3-640440-2
2-pin Molex Connector (Male)	6	0.08	0.48	571-6404562
3 V CMOS Battery	1	\$0.45	\$0.45	CR2032
32.768 KHz Oscillator	1	\$0.30	\$0.30	ECS-.327-12.5-13X
330uF Electrolytic Cap	1	\$0.30	\$0.30	80-ESK337M050AH4AA
3-pin Molex Connector (Male)	1	0.16	0.16	571-6404563
4.25x3 UI Board	1	\$64.00	\$64.00	N/A
8-32 size screw	6	\$0.60	\$3.60	R8-32X5/8
8-bit Shift Register	4	\$0.49	\$1.96	SN74HC164D
8x4 Main Board	1	\$160.00	\$160.00	N/A
Adjustable Voltage Regulator	4	\$0.53	\$2.12	LM317KCSE3
Plastic Rings	4	\$0.00	\$0.00	N/A
Cable Tie Holder	4	\$0.81	\$3.24	ACC38-A-C
Wooden Frame (Byron Conn)	1	\$200.00	\$200.00	N/A
CMOS Battery Connector	1	\$1.72	\$1.72	S8421-45R
DC/DC Converter	1	\$22.96	\$22.96	PTN78020WAH
Diode Main Controller	4	\$0.08	\$0.32	1N4001
Diode on UI	3	\$0.10	\$0.30	1n4148
Dual 7-Segment Display	2	\$1.90	\$3.80	DC56-11GWA
Electrical Tape	1	\$1.97	\$1.97	39340
Flat Washer 3/8" Screw Size, 1" OD(10 piece)	1	\$5.15	\$5.15	91525A136
Flat Washer 3/8" Screw Size, 2" OD(5 piece)	1	\$6.90	\$6.90	91525A143
Glass Tube	4	\$0.50	\$2.00	N/A
Hi-Density Foam	A/N	\$5.00	N/A	N/A
Line Driver	4	\$0.15	\$0.60	74LVC244ADB,118
Linear Regulator	2	\$0.67	\$1.34	863-MC7805CDTRKG
24 AWG Magnet wire	2	\$18.64	\$37.28	N/A
Micro-Controller	1	\$2.24	\$2.24	ATMEGA328P-PU
Neodymium Disc Magnetics	4	\$1.00	\$4.00	D82
PCB Stand-Offs	6	\$0.48	\$2.88	1590-2
Power MOSFET	4	\$0.85	\$3.40	STP16NF06
Resistor Array	4	\$0.42	\$1.68	4816P-1-221LF
RGB LED	1	\$1.89	\$1.89	WP154A4SUREPBGVGAW
RSET Resistor (5.984kOhms)	1	\$1.23	\$1.23	71-PTF565K9840BYEK
RTC	1	\$4.00	\$4.00	DS1307+
Stainless Steel Hex Nut 3/8"-16 (5 piece)	1	\$3.18	\$3.18	882021
Tactile Switch	3	\$0.24	\$0.72	B3F-1000
Thermal Paste	1	\$6.75	\$6.75	Artic Silver 5
TO-220 Heatsink (for Driver)	4	\$1.56	\$6.24	FA-T220-25E
Hot Glue	1	\$6.87	\$6.87	423727
Zinc Hex Bolt 3/8"x 3-1/2"	4	\$1.28	\$5.12	203151766
3-pin Molex Connector (Female)	1	\$0.16	\$0.16	571-3-640440-3
#10 size screw	2	\$0.42	\$0.84	4101010500506
Total Price			\$588.90	
Estimated Shipping			\$15.00	
Estimated Final Price			\$603.90	