

No.	Quantity	Comment	Designator	Value	Description
1	1	MY-18650-01	BT1		9v Battery clip
2	1	MY-18650-01	BT2		9v Battery clip
3	16	10nF	C1,C2,C3,C4,C5,C6,C8,C9,C10,C11,C13,C16,C20,C21,C23,C24	10nF	CD1H103JA1AECHE100
4	11	100nF	C7,C12,C14,C15,C17,C18,C19,C22,C25,C26,C27	100nF	CD1H103JA1AECHE100
5	2	1N5817	D1,D2	1N5817	
6	7	1N4148	D3,D4,D5,D6,D7,D8,D9	1N4148	
7	1	Power Jack		DC-005-20A	Power Jack
8	2	BNC	J1,J2		KH-BNC75-3511
10	1	Bicolor	LED1		MHLC5019UEGTD
11	2	2N7000	Q1,Q2	2N7000	TO-93
12	9	1.0M	R1,R2,R14,R19,R30,R34,R35,R41,R42	1.0M	1/4w, 1%
13	1	10	R3	10	To-220-35W-3R-1%
14	4	20k	R6,R8,R9,R16	20k	1/4w, 1%
15	1	59	R7	59	1/4W 1%
16	4	1k	R10,R11,R12,R13	1k	1/4W 5%
17	1	604	R15	604	1/4w, 1%
18	1	620	R36	620	1/4W 5%
19	12	100k	R4,R5,R17,R22,R25,R26,R28,R31,R32,R37,R38,R47	100k	1/4w, 1%
20	10	10k	27,R29,R40,R44,R45	10k	1/4w, 1%
21	2	33k	R33,R46	33k	1/4w, 1%
22	1	100	R39	100	1/4W 5%
23	1	470k	R43	470	1/4W 5%
24	1	7307TCWZQE	SW1	3PDT	7307TCWZQE
25	2	SS-12D11G5R	SW2,SW3	SPDT	SS-12D11G5R
26	2	BN43-302	T1,T2	BN43-302	
27	1	TLC555CP	U1	TLC555	DIP-8
28	1	78L06	U2	78L06	TO-92
29	4	TLV272	U3,U4,U5,U6	TLV272	DIP-8
30	1	LM393P	U7	LM393P	DIP-8
31	2	10mA Analog Meter	M1, M2		
32	5	6-32 x 3/8"			
33	4	6-32 x 11/16"			
34	4	6-32 x 2.25" Standoff			
35	4	6 x 1/4" spacer			
36	1	TO-220 Heat Sink			Jameco
37	1	6-32 nut			
38	1'	24 AWG stranded hookup wire			
39	6'	28AWG Magnet Wire			

40	1'	24AWG Magnet Wire			
41		4 Rubber Feet			
	128				

Manufacturer part	Price	Cost					
<a href="#">593</a>	0.3	0.3	Digikey				
<a href="#">594</a>	0.3	0.3	Digikey				
A-962	0.01	0.16	Tayda				
<a href="https://www.aliexpress.com">https://www.aliexpress.com</a>	0.02	0.22	Aliexpress				
A-158	0.06	0.12	Tayda				
A-157	0.01	0.07	Tayda				
A-4118	0.16	0.16	Tayda				
<a href="https://www.aliexpress.com">https://www.aliexpress.com</a>	0.5	1	Aliexpress				
A-3243	0.1	0.1	Tayda				
A-114	0.12	0.24	Tayda				
A-2277	0.015	0.135	Tayda				
<a href="#">TPAL0220F10R0K9</a>	2.03	2.03	Digikey				
A-2339	0.015	0.06	Tayda				
<a href="#">MFR-25FRF52-59R</a>	0.1	0.1	Digikey				
A-2266	0.04	0.16	Tayda				
<a href="#">MFR-25FBF52-604R</a>	0.1		Digikey				
A-2074	0.012	0.012	Tayda				
A-2248	0.015	0.18	Tayda				
A-2203	0.015	0.15	Tayda				
A-2290	0.012	0.024	Tayda				
A-2051	0.012	0.012	Tayda				
A-2143	0.012	0.012	Tayda				
C&K	0.9	0.9	I have these				
NMOS	0.5	1	I have these				
Kits and parts	0.7	1.4	Kits and parts				
<a href="#">TLC555CP</a>	0.48	0.48	Digikey				
<a href="#">L78L06ABZ</a>	0.31	0.31	Digikey				
<a href="#">TLV272IP</a>	0.24	0.96	Digikey				
A-023	0.37	0.37	Tayda				
<a href="https://www.aliexpress.com">https://www.aliexpress.com</a>	2.2	4.4	I have these in my possession				
<a href="#">PMS 632 0038 PH</a>	0.022	0.11	Digikey				
<a href="#">90272A336</a>	0.16	0.64	Digikey				
<a href="#">2130-632-AL</a>	1.34	5.36	Digikey				
<a href="#">405</a>	0.21	0.84	Digikey				
326596	0.32	0.32	Jameco				
<b>4701</b>	0.1	0.1	Digikey				
734414	0.07	0.07	Jameco				
2119355	0.12	0.15	Jameco				

2098419	0.04	0.04	Jameco					
<a href="https://www.aliexpress">https://www.aliexpress</a>	0.02	0.08	Aliexpress					
		22.315						

