

# OneShot Bill of Material

Item	Qty	Ref	Value	Marking	Description	Manufacturer	Man's Number	Source
1	1	C1	100nF	100nF	Polypropylene	Panasonic	ECQ-V1H104JL	Mouser
2	1	C10	100nF	100nF	X7R Ceramic	Kemet	C315C104M5U5TA	Mouser
3	1	C11	47uF/63V	47uF/63V	Aluminum Electrolytic	Panasonic	EEU-FC1J470	Mouser
4	2	C2, C16	47uF/25v	47uF/25v	Aluminum Electrolytic	Panasonic	EEU-FC1C470	Mouser
5	2	C4, C5	33uF/50V NP	33uF/50V NP	Aluminum Electrolytic	Nichicon	UVP1V330MPD	Mouser
6	2	C6, C15	100pF	100pF	C0G Ceramic	Panasonic	C315C101J1G5TA	Mouser
7	2	C7, C8	220uF/63V	220uF/63V	Aluminum Electrolytic	Panasonic	EEU-FC1J221	Mouser
8	4	C9, C12, C13, C14	1000uF/50V	1000uF/50V	Aluminum Electrolytic	Panasonic	EEU-FM1E102	Mouser
9	9	D1-D8, D10	1N4936	1N4936	Rectifier	Fairchild	1N4936	Mouser
10	3	D9, D11, D12	1N5256	1N5256	Zener	Fairchild	1N5256	Mouser
11	1	CONN1	NRJ6HM-1	NRJ6HM-1	TRS Jack	Neutrik	NRJ6HM-1	Mouser
12	1	CONN2	NC3MBHR	NC3MBHR	XLR-Male	Neutrik	NC3MBHR	Mouser
13	1	F1		MF-R050-0-99	PTC Resettable Fuse	Bourns	MF-R050-0-99	Mouser
14	1	J1		163-4304-E	Power Jack	Kobiconn	163-4304-E	Mouser
15	1	L1	100uH	100uH	Choke	Fastron	MICC/N-101J-01	Mouser
16	2	L2, L3	EMI102T	EMI102T	EMI Filter	Bourns	EMI102T	Mouser
17	1	LED1	LED-T1	LED-T1	Blue LED	VCC	VAOL-3LSBY1	Mouser
18	3	2 Pin Housing			2 Pin Housing	Harwin	M20-1060200	Mouser
19	6	Crimp Terminal			Crimp Terminal	Harwin	M20-1180046	Mouser
20	2	Q1, Q4	PN4250A	PN4250A	PNP GP Amp	Fairchild	PN4250A	Mouser
21	1	Q2	LSK170	LSK170	JFET	Toshiba	2SK170BLF	Mouser
22	3	Q3, Q5, Q7	PN2484	PN2484	NPN GP Amp	Fairchild	PN2484	Mouser
23	1	Q6	TIP32	TIP32	PNP Power Transistor	ST	TIP32	Mouser
24	2	R1, R6	1M	1M	Metal Film Resistor 1/4W	Xicon	271-1M-RC	Mouser
25	2	R3, R11	20K	20K	Metal Film Resistor 1/4W	Xicon	271-20K-RC	Mouser
26	2	R12, R29	350	350	Metal Film Resistor 1/4W	Xicon	271-350-RC	Mouser
27	1	R13	75	75	Metal Film Resistor 1/4W	Xicon	271-75-RC	Mouser
28	2	R19, R21	1K	1K	Metal Film Resistor 1/4W	Xicon	271-1K-RC	Mouser
29	1	R20	18K2	18K2	Metal Film Resistor 1/4W	Xicon	271-18.2K-RC	Mouser
30	2	R22, R23	2K	2K	Metal Film Resistor 1/4W	Xicon	271-2K-RC	Mouser
31	2	R24, R25	680	680	Metal Film Resistor 1/4W	Xicon	271-680-RC	Mouser
32	1	R26	150	150	Metal Film Resistor 1/4W	Xicon	271-150-RC	Mouser
33	1	R7	330	330	Metal Film Resistor 1/4W	Xicon	271-330-RC	Mouser
34	7	R5, R10, R14-R18	10K	10K	Metal Film Resistor 1/4W	Xicon	271-10K-RC	Mouser
35	3	Rly1-Rly3	G5V-2	G5V-2	Relay	Omron	G5V-2	Online
36	2	SW1, SW2	M7_SPDT	M7_SPDT	SPDT Toggle	E-Switch	M7_SPDT	Future
37	1	U1	TL431ACL	TL431ACL	Shunt Regulator	TI	TL431ACL	Mouser
38	2	U2, U3	TIP31	TIP31	NPN Power Transistor	ST	TIP31	Mouser
39	1	U4	LM78L15	LM78L15	Regulator	ON Semi	LM78L15	Mouser
40	1	U5	LM79L15	LM79L15	Regulator	ON Semi	LM79L15	Mouser
41	1				Shoulder Washer	Switchcraft	S4263	Mouser
42	1				Flat Washer	Switchcraft	P2442	Mouser
43	4				Bumper	Keystone	720	Mouser
44	1				1" Hex Spacer	Fascomp	FC2112-440-A	Mouser
45	6				1/4" Nylon Spacer	Olander	4N25RS4N	Olander
46	1				3/8 x 32 Panel Nut	Olander	37X50PNLBN/09	Olander
47	1				Serrated Washer	Olander	1220-02N	Olander
48	14				#4-40 x 1/8" Flat Head	Olander	4C12PFHS	Olander
49	2				#4-40 x 5/8" Flat Head	Olander	4C62PFHZR	Olander
50	4				#4-40 x 1 1/2" Flat Head	Olander	4C150PFHS	Olander
51	2				#4-40 x 1 1/4" Flat Head	Olander	4C125PFHS	Olander
52	4				#4-40 x 3/16" Pan Head	Olander	4C18PPMZR	Olander
53	4				#4-40 x 3/16" Socket Head	Olander	4C18SHCA	Olander
54	6				M2.5x6 Pan Head Taptite	Olander	.25S6ZPTZR	Olander
55	1				AC Adapter	Triad	WAU24-450	Mouser
56	1				PCB	GPPCB	PC01-PCB	SCA
57	1	PC01-Bottom			PC01-Bottom	Mayoni	PC01-Bottom	SCA
58	1	PC01-Top			PC01-Top	Mayoni	PC01-Top	SCA
59	1	PC01-Front			PC01-Front	Mayoni	PC01-Front	SCA
60	1	PC01-Back			PC01-Back	Mayoni	PC01-Back	SCA
61	1	PC01-Panel			PC01-Panel	Mayoni	PC01-Panel	SCA