

BPF Gen v4 - BOM (Farnell Part Nos)

ID	Name	PCB Designator	Farnell Part No	Added to Fav List	Quantity	Comments - Source Links
1	10R	R18	2329856	Y	1	0.25W
2	100R	R13	1652641	Y	1	0.25W
3	500R	R15	2396013	Y	1	0.25W
4	1k	R12,R16	9341102	Y	2	0.25W
5	6k8	R1,R3	1565323	Y	2	0.25W
6	10k	R4,R11,R14,R2	9341110	Y	4	0.25W
7	15k	R5	9341331	Y	1	0.25W
8	18k	R8,R9	1565285	Y	2	0.25W
9	100k	R17	2329853	Y	1	0.25W
10	1M	R7,R6	9353208	Y	2	Precision trimmer
11	4.7M	R10	1779367	Y	1	0.5W
12	220n	C1	2576668	Y	1	Ceramic
13	0.1u	C4,C5,C7	1902919	Y	3	Electrolytic
14	100u	C2,C3	1144620	Y	1	Electrolytic
15	1000u	C8,C6	2346582	Y	2	Electrolytic
16	IN4007	D1	2306346	Y	1	
17	IN5408	D3,D4,D5	2535559	Y	3	
18	DHG10i1800PA	D2	3438328	Y	1	
19	CD4060BE	U1	3119758	Y	1	Decade Counter
20	IR2121PBF	U2	9101705	Y	1	FET/IGBT Driver
21	2N2222A	Q1	(9207120)	Y	1	PCB designed for straight inline pins so use: https://www.ebay.co.uk/itm/361963457340?
22	2N3904	Q2	1574370	Y	1	https://www.ebay.co.uk/itm/361963457340?
23	IRF840BPBF		2646349	Y		No PCB designation given as switchable using the sockets
24	STP20N95K5		2807287	Y		No PCB designation given as switchable using the sockets
25	STP12N120K5		2807279	Y		No PCB designation given as switchable using the sockets
26	STW12N150K5		3367080	Y		No PCB designation given as switchable using the sockets
27	STW12N170K5		3018753	Y		No PCB designation given as switchable using the sockets
28	TO-220 Socket	H33	---	--	1	https://www.aliexpress.com/item/1005001884522039.html?
29	TO-247 socket	H25	---	--	1	https://www.ebay.co.uk/itm/121267837242
30	HFD2/003-S-L2	RLY2,RLY3	---	--	2	https://www.ebay.co.uk/itm/125433479079?
31	Relay 40.61 16A	RLY1	---	--	1	https://www.ebay.co.uk/itm/385256460418?
32	SK-12E12-G5	SW3,SW4,SW5, SW1,SW2	9473416	Y	5	SPDT Switches
33	LED-TH-G	LED2,LED1	1652496	Y	2	204-10SYGD/S530-E3
34	LED-TH-R	LED3, LED5	1581122	Y	1	204-10SDRD/S530-A3-L
35	LED-TH-B	LED4	1581185	Y	1	204-10SUBC/S400-A4
36	HDR-F-2.54_1x3	H34,H38,H39,H18,H19,H9,H12,H14,H1,H5			10	https://www.ebay.co.uk/itm/234615666086?
37	HDR-F-2.54_1x8	H31,H35,H36,H37,H7,H8,H6			7	https://www.ebay.co.uk/itm/234615666086?
38	TP1	H26,H27,H28,H29,H30,H32,H15,H20,H21,H16,H17, H22,H23,H24,H10,H11,H13,H3,H4,H2			20	https://www.ebay.co.uk/itm/265539912049?
39	PCB Feet	---	---	--	4	https://www.ebay.co.uk/itm/372965609007?