Shruthi Filter SSM2044 BOM
25.09.19 TubeOhm

Pos	quantity	name	value	package	TME	Reichelt	Mouser	specials
1	1	C1	10u	tantal cap		TANTAL 10/16	581-TAP106K016SRW	
2	3	C2,C8,C9	100u	E2,5-6		RAD 100/25	667-EEU-FR1E101	
3	1	C3	10p	C025-025X050		KERKO 10P	594-K100K15C0GF53L2	
4	12	C4,C12,C18,C20,C23,C24, C25,C26,C27,C28,C31,C33	100n	C025-025X050		X7R-2,5 100N	75-1C10Z5U104M050B	
5	1	C5	150p	C025-025X050		NPO-2,5 150P	810-FA28C0G1H15100	
6	4	C6,C10,C39,C34	3.3u	E2,5-6		RAD FC 3,3/50	710-860160672004	
7	2	C7,C32	100p	C025-025X050		NPO-2,5 100P	594-K101K15C0GF53L2	
8	4	C11,C21,C22,C36	6.8n	C050-025X075		FKS2-400 6,8N	505-FKS26800/100/10	
9	2	C13,C29	470u	E5-10,5		RAD 470/25	710-860080375014	
10	5	C14,C17,C37,C38,C35	560p	C025-025X050		KERKO 560P	810-FG18C0G1H561JNT6	
11	2	C15,C16	22n	C050-025X075		MKS2-250 22N	505-MKS2D022201A00KO	
12	2	C19,C30	220p	C2.5/5-4		Kerko 220p	810-FA18C0G1H22100	
13								
14	1	D1	1N4004	DO41-10		1N4004/4001	821-1N4004G-KR0G	
15	1	IC1	LT1054	DIL08			595-LT1054CP	
16	2	IC2,IC4	TL072P	DIL08		TL 072 DIP	595-TL072CP	
17	1	IC3	7905	79XXS		uA7905	863-MC7905ACTG	
18	1	IC5	V2164/SSM2164	DIL16				Coolaudio
19	1	IC6	TL084P	DIL14		TL 084 DIL	595-TL084IN	
20	1	IC7	SSM2044/ SSI2144	SOCKET-16				https://synthronics.de/ssi2144-ssi2164/
21	1	IC8	7805	78XXS		uA7805	863-MC7805ACTG	
22	2	Audio- out	Neutrik	NMJ4HC-S			550-10201	
23	1	J3	9V plug			DC BU21 90	163-7620-E	
24	1	J4		1X08 Arduino header			375-LS-00008	
25								
26	3	IC sockets 8 pin	IC sockets	8 pin		GS 8	571-1-390261-2	
27	1	IC sockets 14 pin	IC sockets	14 Pin		GS 14	571-1-390261-3	
28	2	IC sockets 16 pin	IC sockets	16 Pin		GS 16	571-1-390261-4	
29								
30	1	R3	68	0204/7		Metall 68,0	660-MF1/4DCT52R68R0F	
31	2	R26,R38	220	0204/7		Metall 220,0	660-MF1/4DCT52R2200F	
32	4	R18,R19,R32,R33	470	0204/7		***	660-MF1/4DCT52R4700F	
33	1	R39	1k	0204/7		***	660-MF1/4DCT52R1001F	
34	1	R27	2k	0204/7		***	660-MF1/4DCT52R2001F	
35	1	R11	4.7k	0204/7		***	660-MF1/4DCT52R4701F	
36	2	R4,R29	6.8k	0204/7		***	660-MF1/4DC6801F	
37	1	R8	10k	0204/7		***	660-MF1/4DCT52R1002F	
38	3	R20,R23,R24	22k	0204/7		***	660-MF1/4DCT52R2202F	
39	5	R5,R16,R17,R28,R31	33k	0204/7		***	660-MF1/4DCT52R3302F	
40	4	R21,R22,R25,R37	47k	0204/7		***	660-MF1/4DCT52R4702F	
41	3	R6,R9,R12	68k	0204/7		***	660-MF1/4DCT52R6812F	
42	4	R7,R10,R30,R34	100k	0204/7		***	660-MF1/4DCT52R1003F	
43	1	R36	330k	0204/7		***	660-MF1/4DC3303F	
44								
45	3	R13,R14,R35	20k	R-TRIM3296W		64W-20K	72-T93YA-20K	
46	1	R15	5k	R-TRIM3296W		64W-5,0K	72-T93YA-5K	
47								
48	1	2044 PCB	TubeOhm					
49								