V1.00		**BOM SMR4Stereo Filter for the DE-Generator**									
Date	01.02.19	TubeOhm Instruments									
		www.tubeohm.com									
Pos	Quantity	Position	Value	Package	Reichelt	Mouser	Farnell	TME	Digi Key	additional Infos	Order
1	4	C1,C23,C4,C29	100p	2,54x5,08_RM2,54	NPO-2,5 100P	594-K101K15C0GF53L2	1694179	C315C101J1G5TA	399-4142-ND		
2	2	C2,C6	10pF	2,54x5,08_RM2,54	KERKO 10P	594-K100K15C0GF53L2	1694176	C315C100J2G5TA	478-4843-ND		
3	28	C5,C7,C9,C14,C16,C18,C19,C24,C26, C28,C30,C31,C33,C35,C36,C38,C39, C40,C41,C42,C43,C44,C49,C50,C51, C52,C53,C54	100nF	2,54x5,08_RM2,54	X7R-2,5 100N	75-1C10Z5U104M050B	1694337	C320C104k5r5TA	BC1148CT-ND		
4	2	C8,C10	220p	2,54x5,08_RM2,54	NPO-2,5 220P	594-K221K15C0GH53L2	1141767	C315C221J2G5TA	BC1068TR-ND		
5	8	C11,C12,C15,C20,C25,C27,C3,C37	1n	2,54x5,08_RM2,54	FKP02-250 1,0N	505-FKP0C011000BKI00	xxx	FKP02-1N/250	1928-1055-ND		
6	4	C13,C17,C22,C32	220n	2,54x5,08_RM2,54	Z5U-2,5 220N	81-RHSN12A224K2DGH1A	1141778	C320C224K5R5TA	BC1149CT-ND		
7	4	C21,C34,C55,C56	4,7uF	Elko NP RM2,5	xxx	647-UVP1E4R7MDD	1236689	UES1H4R7MEM	P1175-ND		
8	2	C47,C48	10µF	Elko RM2,5	SM 10/16RAD	667-ECE-A1CKA100I	9452591	URZ1C100MDD	P19580TB-ND		
9	4	IC1,IC2,IC8,IC10	TL074ACN	DIL14	TL 074 DIL	595-TL074CN	1105902	TL074ACN	296-1777-5-ND		
10	1	IC3	TL072	DIL8	TL 072 DIP	595-TL072CP	1103005	TL072ACP	296-1775-5-ND		
11	5	IC4,IC6,IC7,IC11,IC13	LM13700N	DIL16	LM 13700 DIL	926-LM13700N/NOPB	1651866	LM13700N/NOPB	LM13700N/NOPB-ND		
12	2	IC5,IC9	MOS4052N	DIL16	MOS 4052	595-CD4052BE	9589538	CD4052BE	296-2058-5-ND	must be CMOS	
13	3	T1,T2,T3	2N3904	TO92	2N 3904	512-2N3904BU	1574370	2N3904BU	2N3904FS-ND		
14	5	T4,T5,T6,T7,T8	2N3906	TO92	2N3906	833-2N3906-AP	1574372	2N3906BU	2N3906FS-ND		
15	1	K1	pin header_2x10	pin header RM2,54	BKL 10120172	538-10-89-7602	2847229	PH2-80-UA	XXX		
16	3	K2,K3,K4	pin header_2x04	pin header RM2,64	BKL 10120172					only a 2x30 pin	
17	2	L1,L2	10uH	204	SMCC 10µ	542-78F100-RC	608488	DLA10-N	XXX		
	all resistors are metallfilm, examples here, 1% tolerance and 0,4.. 0,6W, dimensions , 2,4...2,8 x 6,3..6,5mm										
18	6	R11,R17,R53,R18,R54,R62	1k	0204_MET	Metall 1,0k	603-MF0207FRE52-1K	2401753	MF0207FTE-1K	1.00KXBK-ND		
19	4	R8,R10,R67,R69	100k	0204_MET	Metall 100k	594-5043ED100K0F	2401807	MF0207FTE-100K	100KXBK-ND		
20	23	R16,R19,R27,R28,R29,R30,R34,R36, R38,R39,R40,R42,R43,R45,R46,R48, R49,R51,R52,R55,R70,R71,R74	10k	0204_MET	Metall 10,0k	**	**	MF0207FTE-10K	10.0KXTR-ND		
21	2	R37,R60	120k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
22	3	R20,R24,R56	2.2k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
23	8	R1,R31,R32,R35,R41,R44,R47,R50	220	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
24	2	R77,R79	22k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
25	2	R5,R65	24.9k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
26	2	R23,R59	270k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
27	2	R22,R57	33k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
28	3	R72,R73,R75	4,7k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
29	4	R13,R14,R25,R26	47k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
30	2	R9,R68	49,9K	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
31	4	R3,R7,R61,R66	49.9k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
32	1	R21	5,6k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
33	2	R12,R63	510k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
34	2	R6,R15	68k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
35	2	R4,R64	82k	0204_MET	Metall ****	**	**	MF0207FTE-***K	**		
36	1	R33	50k	trimmer	64Z-50K	652-3296Z-1-503LF	9608885	T910X-50K	3296Z-503LF-ND		
37	2	R58,R76	20k	trimmer	64Z-20K	652-3296Z-1-203LF	1141378	T910Z-20K	3296Z-203LF-ND		
38	1	IC socket 8			GS8	571-1-2199298-2	2445620	ICVT-8P			
39	4	IC socket 14			GS14	571-1-2199298-3	2445621	ICVT-14P			
40	7	IC socket 16			GS16	571-1-2199298-4	2445622	ICVT-16P			
41		Filter PCB	from TubeOhm								