

# BOM, Motherboard De-Generator

Date:	17.03.19	TubeOhm Instruments										
Vers:	V1.01	www.tubeohm.com										
Pos	Quantity	Position	Value	Package	Reichelt	Mouser	Farnell	TME	Digi-Key	additional infos	order	
1	2	AUDIO Jack OUT 1,2	AUDIO OUT 1 ,2	NRJ4HF	NEUTRIK NR-J4HF	550-10284G	xxx	ACJM-HHOP	xxx			
2	1	STEREO-JACK IN3	STEREO IN	NRJ6HF	NEUTRIK NR-J6HF	550-20311	xxx	ACJS-HHOP	xxx			
3	4	C20,C26,C45,C94	100pF	2,54x5,08_RM2,54	NPO-2,5 100P	594-K101K15C0GF53L2	1694179	C315C101J1G5TA	399-4142-ND			
4	1	C70	330pF	2,54x5,08_RM2,54	KERKO 330P	810-FG18C0G2A331JNT6	1141768	C315C331J1G5TA	BC5150-ND			
5	1	C56	560pF	2,54x5,08_RM2,54	KERKO 560P	810-FG18C0G1H561JNT6	1694300	XXX	BC1022CT-ND			
6	1	C38	820p	2,54x5,08_RM2,54	KERKO 820P	810-FG18C0G1H821JNT6	1694162	XXX	490-7410-1-ND			
7	3	C18,C39,C74	1nF	2,54x5,08_RM2,54	X7R-2,5 1,0N	810-FG18X7R1H102KNT6	2860086	C315C102K1R5TA	xxx			
8	1	C61	1,5nF	2,54x5,08_RM2,54	KERKO 1,5N	810-FG18C0G2A152JNT6	2901290	C315C152K1R5TA	445-175034-1-ND			
9	1	C62	2,2nF	2,54x5,08_RM2,54	KERKO 2,2N	810-FG18C0G2A222JNT6	2901291	C315C222K1R5TA	BC1074CT-ND			
10	1	C54	2,7nF	2,54x5,08_RM2,54	KERKO 2,7N	810-FG18C0G1H272JNT6	1694126	XXX	445-173187-1-ND			
11	1	C85	3.3n	2,54x5,08_RM2,54	KERKO 3,3N	810-FG18X7R1H332KNT6	2901293	C315C332K1R5TA	BC1075CT-ND			
12	2	C55,C57	5,6nF	2,54x5,08_RM2,54	xxx	445-173202-1-ND	2901296	C322C562J1G5TA	445-173202-1-ND			
13	51	C1,C2,C3,C4,C9,C10,C14,C16,C17,C23,C47,C49,C50,C51,C52,C53,C64,C67,C78,C96,C24,C25,C29,C30,C31,C32,C33,C34,C35,C36,C40,C41,C43,C44,C71,C73,C79,C80,C83,C84,C86,C87,C88,C89,C90,C91,C92,C93,C42,C81,C82	100nF	2,54x5,08_RM2,54	X7R-2,5 100N	75-1C10Z5U104M050B	1694337 C	C320C104k5r5TA	BC1148CT-ND			
14	17	C21,C22,C27,C28,C37,C58,C59,C60,C63,C65,C66,C68,C69,C75,C76,C77,C95	4,7µF	bipolar audio Elko		647-UVP1E4R7MDD	1236689	UES1H4R7MEM	P1175-ND	BIPOLAR		
15	1	C72	10µF Tantal	Tantal 10uF 16V	TANTAL 10/16	74-199D10V10-E	2395815	TAP106K016SCS	478-1839-ND			
16	5	C6,C11,C12,C19,C46	100µF	D7R2,54_ELKO	JAM SKR101M1CE11	ESL107M016AC3AA	1144614	UVZ1E101MED	493-10975-3-ND			
17	5	C5,C7,C8,C13,C15	220µF	D10R5,08_ELKO	FM-A 220U 25	80-A750KS227M1EEAE15	xxx	WL1E227M1012MBB		RM5 LOW ESR		
18	1	C48	220µF	C_ELKO_RM2,54_DM7	NIP ESMG160ELL22	80-ESH227M016AE3AA	8126305	UVZ1C221MED	1189-1546-1-ND	RM 2,5		
19	4	D1,D2,D4,D6	1N4004	SOD81	1N 4004	621-1N4004	2295710	1N4004-DC	641-1310-1-ND			
20	4	D7,D8,D11,D3	1N5818	SOD81	1N 5818	821-1N5818R0	2675094	1N5818	1N5818DICT-ND			
21	1	D9	1N4148	DO35	1N 4148	512-1N4148	1469384	1N4148-TAP	1N4148FS-ND			
22	1	D10	10V-Z	DO35	ZF 10	78-1N5240B-TAP	1973464	ZPD10-DIO	1N5240BFSTR-ND	Z-Diode		
23	4	D12,D13,D14,D15	3mm-red	LED_3MM_ROT	V320	604-WP424IDT		L-424SRDT	754-1305-ND			
24	1	IC1	7808	TO220	µA 7808	511-L7808CV	9756108	L7808CV	296-34922-5-ND			
25	1	IC2	7908	TO220	µA 7908	511-L7908CV	9756248	L7908CV	296-19027-5-ND			
26	1	IC3	Recom 78E50-05	TO220	R-78E50-05	919-R-78E5.0-0.5	2078564	AMSR-7805-NZ	945-1648-5-ND			
27	1	IC5	TL072ACP	DIL8	TL 072 DIP	595-TL072CP	1103005	TL072ACP	296-1775-5-ND			
28	5	IC6,IC10,IC12,IC15,IC16	TL074ACN	DIL14	TL 074 DIL	595-TL074CN	1105902	TL074ACN	296-1777-5-ND			
29	1	IC8	NE5532AN	DIL8	NE 5532 DIP	595-NE5532P	1106091	NE5532AP	xxx			
30	1	IC9	PT2399	DIL16								
31	3	IC11,IC18,IC7	LM13700N	DIL16	LM 13700 DIL	926-LM13700N/NOPB	1651866	LM13700N/NOPB	LM13700N/NOPB-ND			
32	1	IC13	CD4052BCN	DIL16	MOS 4052	595-CD4521BE	9589538	CD4052BE	296-2058-5-ND			
33	1	IC14	CD4051BCN	DIL16	MOS 4051	595-CD4051BE	1106109	CD4051BE	296-2057-5-ND			
34	1	IC17	LM336_2,5V	TO92(1)	LM 336 BZ-2.5	512-LM336Z25X, 926-LM336Z-2.5/NOPB	2450784	LM336Z25	LM336Z25-ND			
35	1	IC19	6N137	DIL8	6N 137	859-6N137	2453244	6N137-EVE	160-1791-ND			
36	4	K5,K6,K7,K15	Buchsenleiste 2x10	Buchsenleiste 2x10	MPE 094-2-020	xxx	xxx	ZL262-20DG	S7078-ND			
37	5	K 16 ,GND Buchsenleiste 2x4	Buchsenleiste 2x4	Buchsenleiste 2x4	RND 205-00653	xxx	1593489	ZL262-8DG	S7072-ND			
38	1	K10	DC-Buchse_2.1	DC-BUCHSE_2.1MM	DC BU21 90	xxx		FC68148				
39	1	K11	Stiftleiste_1x02_G_2,54	Stift1x2	SL 2X40G 2,54	S2011EC-20-ND	xxx	ZL202-80G	S2011EC-20-ND			
40	1	K13	1x2 for MIC	Stift 1x2								
41	1	K14	2X3	Stift 2x3								
42	4	L1,L2,L3,L4	3.3µH	0204	L-MICC 3,3	542-78F3R3-RC	2858882	DLA3.3-N	xxx			

