

BOM, Pannel Board De-Generator

Date:	05.02.19	TubeOhm Instruments	V1.00									
		www.tubeohm.com										
Pos	Quantity	Position	Value	Package	Reichelt	Mouser	Farnell	TME	Digi Key	additional infos	Order	
1	1	C1	10µF	C_ELKO_RM2,54_DM7	SM 10/16RAD	667-ECE-A1CKA100I	9452591	UST1E100MDD	P19580TB-ND			
2	1	C2	100µF	C_ELKO_RM2,54_DM7	SM 100/16RAD	667-ECE-A1CKA101	9452648	***CE-100/16PHT-Y	P833-ND	soldering electrolytic capacitors larger than 7 mm horizontally . TME***		
3	22	C3,C4,C5,C6,C7,C8,C9,C10,C23,C24,C25,C26,C11,C12,C13,C14,C15,C16,C17,C18,C21,C22	100nF	2,54x5,08_RM2,54	X7R-2,5 100N	75-1C10Z5U104M050B	1694337	C320C104k5r5TA	BC1148CT-ND			
4	2	C19,C20	10nF	2,54x5,08_RM2,54	X7R-2,5 10N	75-1C10Z5U103M050B	1141772	C320C103K1R5TA	445-175393-3-ND			
5	4	D1,2,3,4	MIDI-IN LFO 1..3	LED_3MM_ROT	V 320	604-WP424IDT		L-424SRDT	754-1305-ND			
6	1	D10	****SEQ	LED_3MM_ROT						Not- if switch had a inbuild one		
7	1	D32	****REC	LED_3MM_ROT						Not- if switch had a inbuild one		
8	16	D9,D11,D12,D13,D14,D15,D16,D17,D18,D19,D20,D21,D22,D23,D24,D25	LED3MM,red	LED_3MM_ROT	V320	604-WP424IDT		L-424SRDT	754-1305-ND			
9	8	D7,29,30,31,8,27,27,28	LED orange/Green 3mm	LED_3MM_orange/green	V321 or V322	604-WP424EDT		L-424EDT	754-1304-ND			
10	1	IC2	MICRO	MICRO				LD-MC-0905P				
11												
12	1	Display2	TFT-Dispay TubeOhm	LCD-8Bit parallel, 3,3V						from TubeOhm		
13	1	IC1	74HC573N	DIL20	74HC 573	595-SN74HC573AN		9591613	SN74HC573AN			
14	3	IC3,IC4,IC5	74HC165N	DIL16	74HC 165	595-SN74HC165N		9591206	296-8251-5-ND			
15	1	IC6	74HC595N	DIL16	74HC 595	595-SN74HC595N		9591664	296-1600-5-ND			
16	3	IC7,IC8,IC9	74HC14	DIL14	74HC 14	595-SN74HC14AN		2259783	296-1577-5-ND			
17	3	IC7,8,9	IC Socket 14 pol	IC socket 14	GS 14	571-1-2199298-3	2445621	ICVT-14P	AE9989-ND			
18	4	IC3,4,5,6	IC socket 16 pol	IC socket 16	GS 16	571-1-2199298-4	2445622	ICVT-16P	AE9992-ND			
19	1	IC1	IC Socket 20 pol	IC socket 20	GS 20	571-1-2199298-6	2445624	ICVT-20P	AE9998-ND			
20	1	K3	K3	Stiftleiste_2x10_G_2,54	2X36G 2,54	649-77313-118-60LF	2847229	PH2-80-UA	609-3456-ND			
21	1	K4	K4	Stiftleiste_2x10_G_2,54								
22	1	K13	Stiftleiste_1x02_G_2,54	Stiftleiste_1x02_G_2,54								
23	1	K14	K14	HV100_2X3								
24	1	L2	10µH	0204_MET	SMCC 10µ	542-78F100-RC	608488	DLA10-N	xxx			
25	3	R1,R2,R3	10K	SIL9 Resistor array	SIL 9-8 10K	652-4609X-1LF-10K	9356819	DR10K-8/9	4609X-101-103LF			
		Attention , all resistors are metallfilm – 0,6W										
26	6	R5,R6,R7,R8,R4,R9	220	0204_MET	METALL 220	660-MF1/4DCT52R2200F	9341528	MF0207FTE-220R	221XBK-ND			
27	6	R15,R16,R18,R19,R20,R21	220330	0204_MET	METALL 330							
28	10	R23,R24,R25,R26,R27,R28,R29,R30,R31,R32	10K	0204_MET	METALL 10,0k	660-MF1/4DCT52R1002F	9341110	MF0207FTE-10K	10.0KXBK-ND			
29	1	R12	10k log POT	Stereo poti-ALPS-DE-GEN	xxx	688-RK12L12C0A0E	xx	xx	xx	RS Components 729-3688		
30	2	R13,R14	10K	ALPS_POT_VERTICAL	xxx	688-RK09D1130C2P	xx	RK09D1130C2P		RS Components 729-3640P		
31	5	S1,S2,S7,S8	ENCODER no switch	DREHIMPULSGEBER_STEHEND	xxx	652-PEC11L4120FN0020	xx		PEC11L-4120F-S0020-ND			
32		S6	Encoder with switch	DREHIMPULSGEBER_STEHEND	xxx	652-PEC11L4120FS0020	xx		PEC11L-4120F-S0020-ND	can use all encoder with switch		
33	8	S3,S4,S5,S9,S10,S11,S12,S14	OSC,VCF,ENV,LFO, MOD-M,LOAD,Save,Cancel	IMPULSSCHALTER-D6				HIGHLY KS01-BV-BK				
34	1	S13	DEL	IMPULSSCHALTER-D6				HIGHLY KS01-BV-R				
35	2	S16,17	RECORD,Arp	IMPULSSCHALTER-D6				HIGHLY KS01-BLV-1				
36	3			Knob with marker BLK - black						ThonkDavies 1900h clone D-Shaft, https://www.thonk.co.uk/shop/1900h-d/		
37	1			Knob without marker RED-red						ThonkDavies 1900h clone D-Shaft		
38	4			Knob without marker BLK-black						ThonkDavies 1900h clone D-Shaft		
39	1	Pannel Board De-Generator								TubeOhm		