Bom Motherboard Jeannie 16.10.21 TubeOhm Instruments V 1.02

Pos	QTY	Name	Value	Housing	Reichelt	TME	Mouser	Farnell	Conrad	OK
		04 00 040 040 047 000 007 004		bag	<mark> 1</mark>					
		C1,C2,C12,C13,C17,C23,C27,C34,35,C37,C39,C43,C44,C49,C96,C3,								
1 1	25	4,C5,C6,C25,C26,C47,C48	100nF for C16/20 also 100 nF	2,54x5,08 RM2,54	X7R-2,5 100N	C320C104k5r5TA	C320C104K5R5TA7317			
2	1	C7	10pF	2,54x5,08 RM2,54	KERKO 10P	C315C100J2G5TA	80-C315C100J2G			
3	4	C8,C10,C38,C51	100µF	C_ELKO_RM2,54_DM6	RAD KY 100/25	CE-100/25PHT-Y	80-ESY107M025AE3AA			
4	2	C9,C15	4,7µF	D6R2,54_ELKO	SM 4,7/50RAD	URS2A4R7MDD	667-ECE-A1VKS4R7I			
5	5	C14,C45,C46,C11,C54	10u	C_ELKO_RM2,54_DM6	RAD 10/63	ECEA1HKS100	667-ECE-A1VKS100I			
6	2	C16,C20	10nF or better 100 nF	2,54x5,08_RM2,54	X7R-2,5 10N	C315C103K1R5TA	C315C103K5R5TA7303			
7	2	C18,C19	47μF	C_ELKO_RM2,54_DM6	Rad47/35	CE-47/50PHT-Y	667-ECE-A1VKS470Q			
8	2	C22,C29	33nF	2,54x5,08_RM2,54	X7R-2,5 33N	C320C333K1R5TA	C320C333K5R5TA			
9	3	C28,C36,C50	1μF	C_ELKO_RM2,54_DM6	RAD 1/63	CE-1/50PHT-TAS	232-50ML1MEFC4X5			
10	2	C31,C32	100p	2,54x5,08_RM2,54	NPO-2,5 100P	CCT-100P/50V-S	581-SR155A101KAR			
11	1	C-tant-9	10μ	C_ELKO_RM2,54_DM6	TANTAL 10/16	TC-10/35	80-T350E106K025AT			
12				has	.0					
13				bag	2					
				(0)						
				0						
14	1	Display1	ST7735 1.8 TFT	TubeOhm	XXX	XXX	XXX			
15	1	IC1	TS 1117 BCW33	SOT223	TS 1117 BCW33	TS1117BCW-3.3	821-TS1117BCP33ROG			
16	1	IC2	272/072	SO8_SOT96-1	TL 072 CD SMD	TL072CDT	511-TL072CD			
17	1	IC3	Recom 7805	TO220	R-78E50-05	R-78E5.0-0.5	919-R-78E5.0-0.5			
				SCH PARTY						
				LINEOUT						
			PCM 5102A DAC							
			Banggood.com/AMAZON/Alibaba/-							
			TubeOhm. Attention to the layout.11							
10	4	IC4	pins on one side, 3 pins on the othe	CJMCU						
18	<u>l</u>		side.	MCP5102A		HER 10 SART (SA	505 GD 4052D1 50 (G2			
19	1	IC5	CD4052	SOP16/3.81/1.27	To Europoine	HEF4052BT.652	595-CD4052BM96G3			
20	<u>1</u> 1	IC6	LT1054 TO-Teensy4.1	DIL8 TO-TEENSY4.1	To Expensive	LT1054CP	595-LT1054CP			
22	<u> </u>	IC8	74HC595N	SO16	SMD HC 595	74HC595D	595-CD74HC595M			
23	1	IC9	SMD 74HC14	SO14	SMD HC 14	74HC393D 74HC14D	595-SN74HC14D			
24	1	IC10	78L08	TO92	μA 78L08	L78L08ACZ	511-L78L08ACZ			
25	1	IC11	79L08	TO92	μΑ 79L08	DI79L08ZAB	L79L08ACZ-AP			
26	1	IC19	6N137	DIL8	6N 137 ELV	6N137-EVE	859-6N137			
27	1	X1	MCP3208-CI/P	SOP16/3.81/1.27	MCP 3208-CI/SL	MCP3208-BI/SL	579-MCP3208CISL			
28	1	T1	2N3904	TO92	2N3904	2N3904				
29	1	D1	1N4001	Diode-MI	1N4001	1N4001-DCO	863-1N4001G			
30	1	D9	1N4148	Diode-MI	1N4148	1N4148-TAP	512-1N4148			
31	6	D4,D5,D7,D3,D8,D10	TEMPO	LED_3MM_ROT	KBT L-424IDT	L-424SRDT	604-WP424SRDT			
32		Sockel 2x8 Pol	Sockets 2x8							
33				bag	3					
34	3	K1,K2,K3	Power-FX, Digital FX, Analog FX	1X10_BUCHSE 8mm	BL 1X10G8 2,54	ZL262-10SG	855-M20-7821046			
35	2	T1,T2	Teensy buchsenleisten	1x24_Buchse 8mm		DS1023-1*40S21			14923	313
36	2	LCD 1x8 -5mm	LCD buchsenleiste	1x8 – 5mm cut	1X20G 2,54	ZL305-20				
	<u> </u>							·	· · · · · · · · · · · · · · · · · · ·	-

37	x2	A1	DAC Buchsenleisten 1x11,1x3	cut LCD				1492304
38			,					
39								
40	1	K4	Stiftleiste_2x03_G_2,54	Pin-Header_2x03_G_2,54	***	***	***	
41	1	K5	power	Pin-Header_1x02_G_2,54	***	***	***	
42	1	K7	Midi O/T	Pin-Header_1x03_G_2,54	***	***	***	
43			Jumper Midi O/T		***	***	***	
44	1	K8	Expansion	Pin-Header_1x05_G_2,54	***	***	***	
45	4	2x24Teens , 3x10FX,1x11,1x3DAC	1x40 pin Pin-Header	1x40 pin Pin-Header	SL 1X40G 2,54	ZL201-40G	571-9-146274-0	
46	2	IC 19,IC6	IC Sockets 2x8	IC Sockets 2x8	GS 8	ICVT-8P	1-2199298-2	
47								
48					ag4			
49	4	L1,L2,L3,L4	3.3µ	0204	L-MICC 3,3µ	DLA3.3-N		
50								
51	4	R5,R8,R7,R10	3,3k	0204-MI	Metall 3,30K	M0.6W-3K3	594-5053HD3K300F	
52	3	R6,R11 R36	100	0204-MI	Metall 100 R	M0.6W-100R	594-5053HD100R0F	
53	2	R9,R15	18K	0204-MI	Metall XXX	M0.6W-18K	594-MRS25000C1802FRP	
E4	0	R12,R17,R18,R20,R21,R23,R24,R2 ,R30		0204-MI	Metall XXX	M0.6W-10K	MRS25000C1002FRP00	
54	9	•	10K		Metall XXX	M0.6W-39K	594-MRS25000C3902FC1	
55 56	2 1	R13,R14 R16	39K 1K	0204-MI 0204-MI	Metall XXX	M0.6W-39K M0.6W-1K	MRS25000C1001FRP00	
57	•	R19,R29,R111	5.6k	0204-MI	Metall XXX	M0.6W-5K6	MRS25000C1001FRF00	
58	<u>3</u> 5	R22,R33,R34,R35,R110	220R	0204-MI	Metall XXX	M0.6W-220R	MRS25000C3601FC100 MRS25000C2200FRP00	
59	2	R25,R28	4.7K	0204-MI	Metall XXX	M0.6W-4K7	MRS25000C2200FRF00	
60	1	R27	2.2K	0204-MI	Metall XXX	M0.6W-2k2	MRS25000C2201FCT00	
61	1	R31	22K	0204-MI	Metall XXX	M0.6W-22k	MRS25000C2201FC100	
62	1	R32	47K	0204-MI	Metall XXX	M0.6W-47k	MRS25000C4702FCT00	
63	2	R37,R38	68R	0204-MI	Metall XXX	M0.6W-68R	594-MRS25000C6809FC1	
64	3	R41,R42,R44	150R	0204-MI	Metall XXX	M0.6W-150R	MRS25000C1500FCT00	
65		1741,1742,1744	10010	0204-WII	IVICIAII XXX	1010.000-13010	WIT (0200000 10001 0 100	
66				h	aq5			
					NEUTRIK NR-			
67	1	Audio3	Neutrik Stereo	NRJ6HF	J6HF	FCR50051	550-20311	
68	1	R39	VOLUME	Stereo poti-ALPS-DE-GEN			688-RK12L12C0A0E	
69	4	R1,R2,R3,R4	10k Data1	ALPS POT VERTICAL		RK09D1130C2P	RK09D1130C2P	
							652-PEC12R-4225F-S24,	
							Better use this one »652-	
70	1	S1	encoder	ENCODER-SHR			PEC11L4120FS0020	
71	1	S2	UNIS	IMPULSSCHALTER-D6	DT6SW	D6RB	611-D6R90LFS	
72	1	S3	SEQ blue	IMPULSSCHALTER-D6	DT6BL		611-D6RLRDF1LFS	
73	1	S4	MUTE/PANIC red	IMPULSSCHALTER-D6	DT6RT		611-D6R90LFS	
74	1	S5	BOOST	IMPULSSCHALTER-D6	DT6SW		611-D6R90LFS	
75	1	S6	SHIFT	IMPULSSCHALTER-D6	DT6SW		611-D6R90LFS	
76	1	S7	Save/Load	IMPULSSCHALTER-D6	DT6SW		611-D6R90LFS	
77	2	X3,X7	MAB5SH	MAB5SH	MABPM 5S	DC-205	566-MAB5SH	
78	1	K6	Einlöt-DC-Buchse_2.5	EINLÖT-DC-BUCHSE_2.5MM	CLIFF FCR681465	FC68148	151-7620E-E	
79	6	Data14, Enc,Vol	Knöpfe Thonk Davis clone D-Shaft					
80								
81	_	Platine /PCB						
82	2	Screw M2 x 12			SZK M2X12-200	M2X12/D7985-A2		
83	6	Nut M2	T 1 01		TOW DO : 10 TO 12	M2/D934-A4		
84	1	Heat sink für Teensy	TubeOhm		ICK BGA 10 X 10	ICKBGA10X10X10		
85		glue for head sink	TubeOhm			THERMOPAD- 24X2X30		
86	6	30 mm Spacer	Case mount		DI 30MM	TFF-M3X30/DR113		
87	6	10 mm Spacer	Case mount		DA 10MM	TFM-M3X10/DR213		
88	1	power switch On/OFF	Case mount		DA IUMINI	MR5110F5BB		
30	1	power switch on/or i	Ouge mount			WIKSTIVI JDD		EOF