
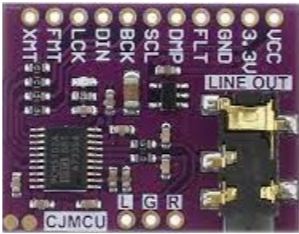


Bom Motherboard Jeannie 16.10.21
TubeOhm Instruments V 1.02

Pos	QTY	Name	Value	Housing	Reichelt	TME	Mouser	Farnell	Conrad	OK
					bag1					
1	25	C1,C2,C12,C13,C17,C23,C27,C34,C35,C37,C39,C43,C44,C49,C96,C3,C4,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										
13					bag2					
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			
18	1	IC4	PCM 5102A DAC Banggood.com/AMAZON/Alibaba/- TubeOhm. Attention to the layout.11 pins on one side , 3 pins on the other side.	 MCP5102A						
19	1	IC5	CD4052	SOP16/3.81/1.27		HEF4052BT.652	595-CD4052BM96G3			
20	1	IC6	LT1054	DIL8	To Expensive	LT1054CP	595-LT1054CP			
21	1	IC7	TO-Teensy4.1	TO-TEENSY4.1						
22	1	IC8	74HC595N	SO16	SMD HC 595	74HC595D	595-CD74HC595M			
23	1	IC9	SMD_74HC14	SO14	SMD HC 14	74HC14D	595-SN74HC14D			
24	1	IC10	78L08	TO92	µA 78L08	L78L08ACZ	511-L78L08ACZ			
25	1	IC11	79L08	TO92	µA 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		Socket 2x8 Pol	Sockets 2x8							
33					bag3					
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			1492313	
36	2	LCD 1x8 -5mm	LCD buchsenleiste	1x8 - 5mm cut	1X20G 2,54	ZL305-20				

